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OREGON AGRICULTURE & FISHERIES STATISTICS

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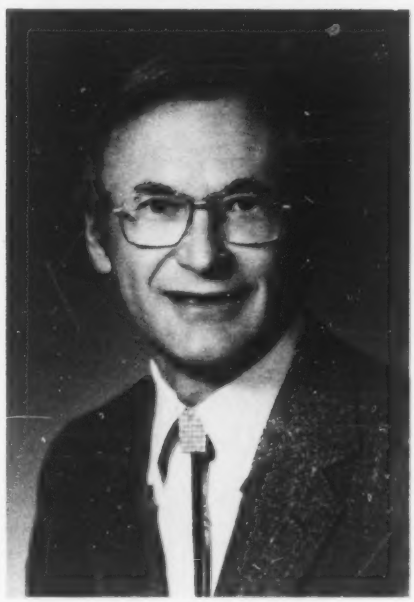
FOREWORD



The annual Oregon Agricultural and Fisheries Statistics Bulletin provides a comprehensive summary of Oregon agriculture. It contains the basic historical information which is vital to the efficient production and marketing of Oregon's diverse agricultural products. The bulletin is prepared and published through a cooperative agreement between the Oregon Department of Agriculture and the Oregon Agricultural Statistics Service.

In today's rapidly changing agricultural world, management expertise can often be the difference between success and failure. Decisions must be based on facts, and sound, reliable information is really the key to good management.

During this bicentennial year of the U.S. Constitution we wish to especially thank the thousands of voluntary Oregon producers who supplied the raw data for this publication. The outstanding cooperation of these Oregon farmers and ranchers continues the pattern of voluntary reporting started by this nation's first crop reporter—George Washington. We also wish to thank the Oregon State University Extension Service and their county agents for helping supply some of the county and special data.

Sincerely,

Paul M. Williamson

Paul M. Williamson
State Statistician

TABLE OF CONTENTS

GENERAL — Page

General Summary 1986 ... 2
Gross and Net Income from Farming ... 2
Oregon's Rank in Agriculture ... 3
Government Grain Program Payments ... 3
Value of Production ... 4
Cash Receipts ... 5
Farm Production Expenses ... 6
Farm Balance Sheet ... 6
Number of Farms and Land in Farms ... 7
Prices Received ... 8
Prices Paid ... 9
Climatological Review of 1986 ... 10
Monthly Precipitation and Departures from Normal ... 11

FIELD CROPS

Summary of 1986 ... 12
Acreage, Production and Value ... 13
All Wheat, 1870-1986 ... 14
Winter Wheat, by Counties ... 15
Spring Wheat, by Counties ... 16
All Wheat, by Counties ... 17
All Wheat, Irrigated, by Counties ... 18
Wheat, by Varieties ... 19
Barley, 1870-1986 ... 20
Barley, by Counties ... 21
Oats, by Counties ... 22
Corn, by Counties ... 23
Stocks of Major Grains and Hay ... 24
Peppermint, by Area ... 25
Commercial Fertilizer Usage and Direct Application Materials Consumption ... 25
All Potatoes, 1870-1986 ... 26
All Potatoes, by Counties ... 27
Potato Disposition ... 27
Potato Stocks, and Processing, Selected States ... 28
Potato Production and Utilization, U.S. ... 29

FRUIT AND NUTS

Summary of 1986 ... 30
Fruit Production, Price and Value ... 31
Fruit Production, by Area ... 32
Processed Utilization ... 32
Vineyard Acreage and Production ... 33
Fruit Tree Inventory ... 34
Apples and Sweet Cherries, 1890-1986 ... 35
Bartlett and Other Pears, 1925-1986 ... 36
Filberts, Prunes and Plums, 1925-1986 ... 37

Page

VEGETABLES

Summary of 1986 ... 38
Acreage, Production and Value ... 39
Acreage and Production, by Counties ... 40
Snap Beans for Processing, 1920-1986 ... 41
Sweet Corn for Processing, 1934-1986 ... 42
Green Peas for Processing, 1934-1986 ... 43

BERRY CROPS

Summary of 1986 ... 44
Acreage, Production & Value ... 45
Acreage and Production, by Counties ... 46
All Strawberries, 1920-1986 ... 47
Cold Storage Holdings of Selected Commodities ... 48

LIVESTOCK

Summary of 1986 ... 49
Value of Production ... 50
Cattle & Calf Inventory 1870-1987 ... 51
Cattle & Calf Inventory, Disposition and Income ... 52
Number of Milk Cows & Production, 1925-1986 ... 53
Number of Milk Cows, Production and Disposition ... 54
Dairy Products--Marketings, Income and Value ... 54
Manufactured Dairy Products ... 55
Hog and Pig Inventory ... 56
Hog Inventory, Farrowings, Disposition and Income ... 57
Sheep Inventory 1870-1987 ... 58
Sheep and Lambs Inventory, Disposition and Income ... 59
Wool Production, Price and Value ... 60
Mink, Pelts Produced and Females Bred ... 60
Broilers, Production and Value ... 60
Turkeys, Production and Value ... 60
Egg Production and Income ... 61
Livestock and Poultry Inventory, by Counties ... 62

FISHERIES

Commercial Fishing ... 63-66

Issued November 1987

Oregon Agriculture - 1986

Oregon's agriculture economy continued on an improving trend which began in 1984. Net income per farm averaged $17,700 for 1986 compared with $13,146 during 1985. Farmers continued to cut production expenses and with income slowly increasing, the percentage return on the farm operator's capital investment has increased to about 5 percent. This compares to the precarious lows of 1 to 3 percent in recent years.

Oregon continued to rank well in the nation with over a dozen commodities ranking fifth or better in production nationally. Oregon ranked first in production of peppermint and filberts, second in production of hops, sweet cherries, prunes and plums, onions and snap beans for processing and third in fall potatoes, strawberries, pears, cauliflower, broccoli and sweet corn for processing. Oregon is also the leading grass seed producer although current production estimates are not being made on a national basis. National ranks are also unavailable for caneberries in which Oregon remains a dominant producer.

Oregon's total value of all agricultural commodities produced in 1986, at $1.99 billion, was very slightly above the revised total for 1985, but 1 percent below the value for 1984. Declines in grains, fruits and livestock more than offset increased values for berries, vegetables and specialty items such as greenhouse, nursery, seeds and forest products. Because of lower grain prices the value of livestock production led at 30 percent of the state's total value produced. Grains and field crops accounted for 29 percent.

Cash receipts for agricultural products sold in 1986 reached 1.89 billion (including forest products), an increase of 2 percent over 1985 and the second highest sales value on record.

At the beginning of 1986 the average Oregon farm/ranch had assets worth $304,400 and debts of $78,100 or a debt to asset ratio of 25.7 percent. This was the seventh consecutive increase in the debt ratio since 1979 when the ratio was 17.2 percent.

The number of farms held steady at 37,000 farms and ranches operating in the state during 1987. Those units accounted for 17,900,000 acres of land in farms and ranches for an average size of 484 acres per unit.

GROSS AND NET INCOME FROM FARMING, OREGON: 1982-1986

Item	1982	1983	1984	1985	1986
			Million Dollars		
Cash Receipts from Farm Marketings	1,737.8	1,602.8	1,808.0	1,723.1	1,784.0
Government Payments	30.6	64.2	76.1	71.4	127.7
Farm Related Income[1]	91.4	100.4	121.1	136.2	146.8
Non-Money Income[2]	284.9	289.4	288.9	254.3	223.3
Value of Inventory Adjustments	-66.7	52.9	-48.4	-6.7	-59.1
Gross Farm Income Total	2,078.0	2,109.7	2,245.7	2,178.3	2,222.7
Production Expenses Total	1,805.2	1,848.9	1,804.7	1,691.9	1,567.8
Net Total Farm Income	272.8	260.8	441.0	486.4	654.9
			Dollars		
Net Farm Income Per Farm	7,373	6,955	11,919	13,146	17,700
Net Business Income Per Farm[3]	5,632	2,046	9,608	10,400	16,589
			Percent		
Returns to Operators/Total Assets[4]	1.09	1.02	2.25	3.18	5.04

[1] Includes machine hire/custom work, forest product sales, recreational income and other farm business-related income.
[2] Includes value of home consumption and rental value of operator's hired laborers' dwellings.
[3] Net business income includes only cash transactions including depreciation and accidental damage and excludes household accounts. Measures cash available to farms for payment of asset purchases, loan retirement and operator cash income.
[4] This can be interpreted as the percentage return on the operator's capital investment. Source: ERS, USDA, State Financial Summary.

OREGON'S RANK IN THE NATION'S AGRICULTURE - 1986

Commodity	Rank Among States	Production	Unit	Percent of U.S.
FIELD CROPS				
Peppermint	1	2,345,000	Lb.	54.2
Hops	2	8,466,000	Lb.	17.3
Spearmint	4	153,000	Lb.	5.8
Potatoes, Fall	3	23,172,000	Cwt.	7.5
Barley	9	20,805,000	Bu.	3.4
Sugarbeets	11	384,000	Ton	1.5
All Wheat	12	58,405,000	Bu.	2.8
Oats	14	7,600,000	Bu.	2.0
Hay, All	21	3,134,000	Ton	2.0
BERRIES				
Blackberries	NA	23,000,000	Lb.	NA
Boysen & Youngberries	NA	3,700,000	Lb.	NA
Loganberries	NA	1,300,000	Lb.	NA
Raspberries, Black	NA	2,900,000	Lb.	NA
Raspberries, Red	NA	12,400,000	Lb.	NA
Strawberries	3	635,000	Lb.	6.2
Cranberries	4	120,000	Bbls.	3.4
FRUIT AND NUTS				
Filberts	1	15,300	Ton	98.7
Prunes & Plums	2	22,000	Ton	4.7
Sweet Cherries	2	38,000	Ton	27.6
Pears, All	3	165,000	Ton	21.7
Tart Cherries	5	6,000,000	Lb.	2.7
Apples, All	8	120,000,000	Lb.	1.5
Peaches	14	13,000,000	Lb.	.9
VEGETABLES				
Onions, All	2	5,913,000	Cwt.	13.8
Cauliflower, All	3	460,000	Cwt.	6.4
Snap Beans, Processing	2	138,710	Ton	22.8
Broccoli, All	3	280,000	Cwt.	2.6
Sweet Corn, Processing	3	322,480	Ton	12.7
Green Peas, Processing	5	34,160	Ton	8.2
Cucumbers, Processing	10	22,610	Ton	3.5
Carrots, All	11	460,000	Cwt.	2.0
LIVESTOCK				
Sheep and Lambs[1]	9	415,000	Head	4.0
All Cattle and Calves [1]	27	1,400,000	Head	1.4
Eggs Produced	28	659,000,000	Egg	1.0
Milk Cows [1]	27	99,000	Head	.9
Farm Chickens [2]	27	3,365,000	Head	.9
Hogs and Pigs [2]	32	115,000	Head	.2

[1] Jan. 1, 1987 Inventory.
[2] Dec. 1, 1986 Inventory.

GOVERNMENT GRAIN PROGRAM PAYMENTS TO OREGON FARMERS AND RANCHERS: 1982-1986[1]

Commodity	1982	1983	1984	1985	1986
			Million Dollars		
Wheat	11.0	—	40.3	61.3	94.3
Barley	1.1	1.0	.6	2.2	6.2[2]
Oats	—	—	—	—	N/A
Corn	—	.3	.3	.8	N/A
Total	12.1	1.3	41.2	64.3	100.5

[1] Includes both deficiency and diversion payments. 1982-85 are program year totals. 1986 is calendar year total.
[2] Includes all feed grains.

VALUE OF PRODUCTION: By Commodities, 1984-1986[1]

Commodity	Rank 1986	Value of Production			1986 as Percent of all Commodities
		1984	1985	1986	
		1,000 Dollars			Percent
ALL COMMODITIES[2]		2,017,133	1,980,988	1,992,397	100.0
All Crops		1,314,783	1,280,487	1,281,569	64.3
Field Crops		714,700	650,049	575,879	28.9
Fruit/Nut Crops		130,238	170,685	180,014	9.0
Vegetable Crops		165,639	138,267	172,166	8.6
Seed Crops		112,451	139,787	149,773	7.5
All Livestock and Livestock Products		601,310	590,096	584,321	29.3
Cattle and Calves	1	277,498	264,659	253,925	12.7
Hay	2	227,176	228,659	217,813	10.9
Greenhouse & Nursery Products	3	191,755	181,699	203,737	10.2
Milk	4	185,648	189,136	187,647	9.4
Wheat, All	5	239,240	191,096	143,092	7.2
Forest Products	6	101,040	110,405	126,507	6.3
Potatoes, All	7	112,105	95,618	96,965	4.9
Onions, All	8	58,754	30,465	62,402	3.1
Pears, All	9	40,111	52,870	49,197	2.5
Ryegrass Seed	10	48,566	54,164	48,279	2.4
Barley	11	41,143	38,693	33,288	1.7
Fescue Seed	12	13,233	23,153	32,112	1.6
Eggs	13	35,765	27,528	29,710	1.5
Strawberries	14	15,138	15,619	29,107	1.5
Mint	15	27,727	28,366	27,937	1.4
Sweet Corn	16	30,006	28,839	26,611	1.3
Cherries, All	17	14,880	18,307	26,147	1.3
Hogs	18	25,785	23,619	25,954	1.3
Snap Beans, Processing	19	22,588	21,719	24,136	1.2
Broilers	20	21,105	21,384	22,752	1.1
Raspberries	21	9,843	9,560	18,764	.9
Sheep & Lambs	22	14,506	16,962	17,048	.9
Hops	23	14,612	17,455	15,154	.8
Bluegrass Seed	24	6,911	10,680	14,117	.7
Blackberries	25	12,485	17,340	14,018	.7
Sugarbeets	26	11,206	11,165	13,325	.7
Turkeys	27	7,484	12,090	11,701	.6
Apples	28	13,114	20,200	11,004	.6
Filberts	29	8,144	16,451	10,788	.5
Oats	30	11,880	12,420	10,260	.5
Orchardgrass Seed	31	7,385	9,538	10,184	.5
Red Clover Seed	32	5,883	7,762	9,352	.5
Corn for Grain	33	20,368	17,688	8,640	.4
Cauliflower	34	8,188	7,694	6,909	.3
Green Peas	35	10,493	8,811	6,764	.3
Cranberries	36	4,535	5,550	6,466	.3
Broccoli	37	3,532	4,769	5,689	.3
Bentgrass Seed	38	2,795	5,704	5,554	.3
Alfalfa Seed	39	4,257	4,848	5,365	.3
Carrots	40	2,636	2,904	4,206	.2
Blueberries	41	2,375	2,876	3,883	.2
Peaches	42	3,710	4,199	3,554	.2
Cucumbers	43	3,875	4,338	3,527	.2
Plums & Prunes	44	2,368	3,641	2,868	.1
Wool	45	2,232	1,608	1,723	*
Crimson Clover Seed	46	3,278	2,339	1,710	*
Honey	47	N/A	N/A	1,522	*
Asparagus	48	1,021	1,425	1,373	*
Peas, Austrian Winter	49	N/A	N/A	226	*
Other Vegetable Crops		24,546	27,303	30,549	1.5
Other Seed Crops		20,143	21,599	23,100	1.2
Other Livestock		30,391	32,019	30,779	1.5

[1] Data for calendar year.
[2] Includes all crops, livestock and forest products.
* Less than .1%.

CASH RECEIPTS FROM MARKETINGS: By Commodities, 1984-1986[1]

Commodity	1984	1985	1986	1986 as % of All Commodities
		1,000 Dollars		Percent
ALL COMMODITIES[2]	1,909,011	1,847,478	1,893,201	100.0
All Crops	1,177,898	1,114,624	1,117,245	59.0
Field Crops	561,069	474,808	419,090	22.1
Fruit/Nut Crops	126,891	165,333	189,492	10.0
Vegetable Crops	185,732	152,997	155,153	8.2
Seed Crops	112,451	139,787	149,773	7.9
All Livestock and Products	630,073	622,449	649,449	34.3
Cattle & Calves	313,355	303,395	324,044	17.1
Greenhouse/Nursery	191,755	181,699	203,737	10.8
Milk (all)	179,404	184,927	183,182	9.7
Wheat	254,327	201,329	143,175	7.6
Forest Products	101,040	110,405	126,507	6.7
Potatoes	105,226	77,707	93,191	4.9
Hay	81,193	76,026	69,425	3.7
Pears	36,384	50,245	48,462	2.6
Ryegrass Seed	48,566	54,164	48,279	2.6
Onions	78,847	45,195	45,169	2.4
Fescue Seed	13,233	23,153	32,112	1.7
Eggs	35,026	27,528	29,710	1.6
Barley	35,590	30,530	29,662	1.6
Strawberries	15,138	15,619	29,107	1.5
Mint	27,727	28,336	27,937	1.5
Sweet Corn	30,006	28,839	26,831	1.4
Cherries	14,880	18,307	26,147	1.4
Hogs	23,848	21,186	25,932	1.4
Snap Beans	22,588	21,719	24,136	1.3
Broilers	21,105	21,384	22,752	1.2
Raspberries	9,843	9,560	18,764	1.0
Blackberries	12,485	17,340	18,309	1.0
Sheep & Lambs	16,332	17,221	16,544	.9
Apples	13,615	17,615	16,237	.9
Hops	14,612	17,373	15,154	.8
Bluegrass Seed	6,911	10,680	14,117	.7
Sugarbeets	11,206	11,607	13,440	.7
Turkeys	7,484	12,090	11,701	.6
Filberts	8,015	16,309	11,283	.6
Orchardgrass Seed	7,385	9,538	10,184	.5
Corn For Grain	13,595	14,186	9,412	.5
Red Clover Seed	5,883	7,762	9,352	.5
Oats	8,350	8,795	8,289	.4
Cauliflower	8,188	7,694	6,909	.4
Green Peas	10,493	8,811	6,764	.4
Cranberries	4,543	5,550	6,660	.4
Broccoli	3,532	4,769	5,689	.3
Bentgrass Seed	2,795	5,704	5,554	.3
Alfalfa Seed	4,257	4,848	5,365	.3
Carrots	2,636	2,904	4,206	.2
Blueberries	2,375	2,876	3,883	.2
Peaches	3,710	4,199	3,554	.2
Cucumbers	3,875	4,338	3,527	.2
Plums & Prunes	2,368	3,641	2,868	.2
Wool	2,232	1,608	1,723	*
Crimson Clover Seed	3,278	2,339	1,710	*
Honey	N/A	N/A	1,522	*
Asparagus	1,021	1,425	1,373	*
Peas, Austrian Winter	N/A	N/A	226	*
Other Vegetable Crops	24,546	27,303	30,549	1.6
Other Seed Crops	20,143	21,599	23,100	1.2
Other Livestock	30,391	32,019	30,779	1.6

[1] Data for calendar year. [2] Includes all crops, livestock and forest products.
* Less than .1%.

FARM PRODUCTION EXPENSES: 1982-1986

Item	1982	1983	1984	1985	1986
	Million Dollars				
Current Farm Operating Expenses:					
Feed	193.7	229.6	210.2	193.0	168.7
Livestock	52.4	50.1	50.1	45.7	37.0
Seed	32.6	30.8	35.4	34.4	30.7
Fertilizer and Lime	106.0	103.8	87.2	90.3	74.6
Pesticides	56.7	55.0	63.2	63.8	57.4
Fuel & Oil	89.9	85.5	81.4	75.0	54.6
Electricity	30.2	31.8	32.1	31.8	31.4
Repair and Maintenance	88.8	92.4	90.6	91.2	93.7
Hired Labor	205.5	198.1	197.4	199.1	200.7
Non-Real Estate Interest	140.0	133.7	128.0	93.8	83.7
Miscellaneous	212.6	212.7	216.4	210.4	204.8
Total Current Farm Operating Expenses	1,208.4	1,223.5	1,192.0	1,128.5	1,037.3
Depreciation & Consumption of Farm Capital	297.6	306.7	293.3	259.9	232.8
Taxes on Farm Property	60.7	65.3	59.0	60.1	59.1
Interest on Farm Mortgage Debt	196.7	201.8	201.9	192.7	178.1
Net Rent to Non-Farm Landlords	41.8	51.6	58.5	50.7	60.5
Total Farm Production Expenses	1,805.2	1,848.9	1,804.7	1,691.9	1,567.8

FARM BALANCE SHEET (Excluding Farm Households), December 31, 1981-1985[1]

Item	1981	1982	1983	1984	1985
	Million Dollars				
ASSETS					
Total Farm Assets	14,329.2	14,390.5	14,349.3	12,375.2	11,262.2
Real Estate	11,293.1	11,309.1	11,204.7	9,307.6	8,381.1
Livestock & Poultry[2]	762.3	693.7	725.1	718.6	657.0
Machinery & Motor Vehicles	1,434.6	1,455.0	1,428.3	1,377.4	1,315.7
Crops	320.5	372.2	401.8	396.1	354.6
Financial Assets	518.7	560.5	589.5	575.5	553.9
DEBTS					
Total Farm Debt	3,070.2	3,199.4	3,208.2	3,112.9	2,889.2
Real Estate Debt	1,968.0	2,043.0	2,066.1	2,027.1	1,895.6
Nonreal Estate Debt	1,040.2	1,065.4	1,031.2	956.8	831.6
CCC Loans	62.0	91.0	111.0	129.0	162.0
EQUITY	11,259.0	11,191.2	11,141.1	9,262.4	8,373.0
RATIOS					
Debt/Equity	27.3	28.6	28.8	33.6	34.5
Debt/Assets	21.4	22.2	22.4	25.2	25.7

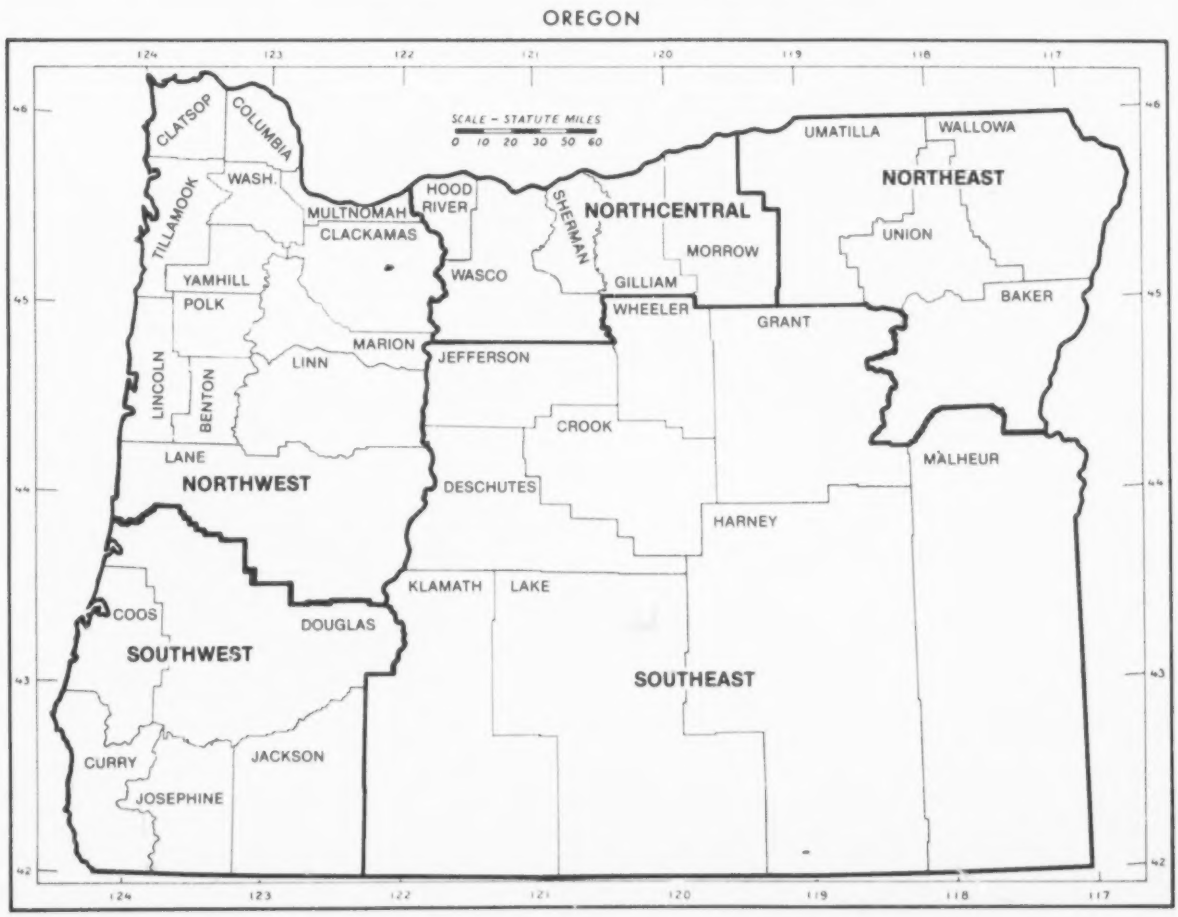
[1] Data are for farms with sales of $1,000 or more annually. Includes only items for farm purposes.
[2] Excludes horses, mules, and broilers. Source: USDA, ERS, State Income and Balance Sheet statistics.

NUMBER OF FARMS AND LAND IN FARMS: 1970-1987 [1]

Year	Oregon			United States		
	Number of Farms	Land In Farms	Average Size of Farm	Number of Farms	Land In Farms	Average Size of Farm
	1,000	1,000 Acres	Acres	1,000	1,000 Acres	Acres
1970	34.5	20,100	583	2,949	1,102,371	374
1971	34.0	19,900	585	2,902	1,096,863	378
1972	34.0	19,800	582	2,860	1,092,065	382
1973	34.0	19,700	579	2,823	1,087,923	385
1974	34.0	19,600	576	2,796	1,084,433	388
1975	30.0	18,600	620	2,521	1,059,420	420
1976	30.0	18,500	617	2,497	1,054,075	422
1977	30.0	18,400	613	2,456	1,047,785	427
1978	32.0	18,300	572	2,436	1,044,790	429
1979	34.0	18,200	535	2,432	1,042,015	428
1980	35.0	18,100	517	2,433	1,038,885	427
1981	36.5	18,100	496	2,434	1,034,190	425
1982	37.0	18,000	486	2,401	1,027,795	428
1983	37.5	18,000	480	2,370	1,024,195	432
1984	37.0	18,000	486	2,328	1,019,378	438
1985	37.0	18,000	486	2,275	1,014,383	446
1986	37.0	17,900	484	2,212	1,007,643	456
1987 [2]	37.0	17,900	484	2,173	1,002,463	461

[1] 1970-74 a farm is defined as any place of 10 or more acres that had annual sales of $50 or more of agricultural products, or any place less than 10 acres that had annual sales of $250 or more. 1975-1987 a farm is defined as a place that sells or would normally sell $1,000 worth of agricultural produce.
[2] Preliminary

Crop Reporting Districts (CRD): Oregon



PRICES RECEIVED BY FARMERS: Specified Products, 1983-1986

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Crop Yr. or Season Average [1]
	ALL WHEAT (Dollars Per Bushel)												
1983	4.16	4.23	4.29	4.27	4.13	4.03	3.80	3.84	3.83	3.73	3.63	3.57	3.69
1984	3.44	3.37	3.55	3.64	3.74	3.90	3.58	3.39	3.37	3.44	3.47	3.53	3.47
1985	3.56	3.55	3.59	3.63	3.50	3.46	3.16	3.09	3.28	3.41	3.47	3.53	3.38
1986	3.46	3.52	3.58	3.46	3.53	3.07	2.62	2.40	2.43	2.49	2.54	2.61	2.60
	APPLES - FRESH (Cents Per Pound)												
1983	9.1	9.5	10.3	8.7	—	—	—	—	13.3	10.6	10.5	10.2	11.4
1984	11.1	12.4	12.3	12.1	12.3	—	—	—	9.2	9.5	11.5	10.5	11.9
1985	9.4	17.2	14.0	12.3	11.6	—	—	—	13.9	14.7	15.6	14.6	15.0
1986	14.6	15.4	15.3	15.7	20.4	—	—	—	13.2	13.7	13.4	13.2	12.4
	POTATOES (Dollars Per Cwt.)												
1983	3.55	3.80	3.80	3.95	3.95	3.60	3.90	5.05	4.25	3.70	4.00	4.55	4.65
1984	5.10	5.70	5.80	5.75	5.90	5.60	7.45	6.50	4.35	3.85	4.35	4.75	4.75
1985	5.70	5.10	4.60	5.00	5.50	4.50	3.55	3.35	3.40	3.50	3.45	3.70	3.55
1986	3.45	3.35	3.85	3.75	3.75	3.30	4.10	4.95	4.30	4.20	4.30	4.20	4.40
	ALL HAY, BALED (Dollars Per Ton)												
1983	85.00	87.00	81.00	85.00	83.00	76.00	75.00	74.00	76.00	76.00	73.00	75.00	75.00
1984	77.00	74.00	75.00	70.00	73.00	70.00	72.00	74.00	74.00	71.00	70.00	72.00	73.00
1985	71.00	75.00	79.00	74.00	77.00	76.00	74.00	74.00	74.00	77.00	74.00	78.00	76.50
1986	79.00	81.00	75.00	77.00	77.00	74.00	72.00	71.00	69.00	66.00	67.00	67.00	66.50
	ALFALFA HAY, BALED (Dollars Per Ton)												
1983	96.00	100.00	90.00	94.00	92.00	83.00	87.00	88.00	90.00	91.00	86.00	92.00	N/A
1984	93.00	91.00	88.00	80.00	84.00	83.00	85.00	85.00	85.00	84.00	85.00	85.00	N/A
1985	84.00	89.00	92.00	88.00	92.00	90.00	90.00	87.00	86.00	89.00	86.00	94.00	N/A
1986	95.00	95.00	93.00	92.00	92.00	83.00	79.00	82.00	79.00	77.00	74.00	76.00	N/A
	BARLEY (Dollars Per Bushel)												
1983	2.18	2.14	2.22	2.44	2.45	2.42	2.30	2.41	2.65	2.70	2.71	2.80	2.59
1984	2.79	2.69	2.67	2.97	2.61	2.80	2.47	2.31	2.32	2.38	2.37	2.51	2.37
1985	2.42	2.44	2.39	2.27	2.35	2.22	1.93	1.85	2.05	1.95	2.09	2.16	2.00
1986	2.12	2.01	1.90	1.87	2.10	1.84	1.61	1.48	1.60	1.74	1.74	1.74	1.70
	OATS (Dollars Per Bushel)												
1983	1.62	1.55	1.60	1.56	1.55	1.56	1.51	1.48	1.48	1.57	1.58	1.70	1.66
1984	1.76	1.91	1.89	1.97	1.93	2.11	1.98	1.65	1.61	1.73	1.83	1.96	1.80
1985	2.03	1.92	1.96	1.99	1.96	2.01	1.57	1.42	1.37	1.38	1.38	1.37	1.35
1986	1.39	1.34	1.32	1.32	1.22	1.09	1.02	1.02	1.09	1.26	1.52	1.61	1.35
	BEEF CATTLE (Dollars Per Cwt.)												
1983	45.20	48.80	55.40	49.90	49.50	46.40	46.90	48.90	44.50	44.10	43.80	44.50	46.90
1984	48.50	54.00	52.90	51.60	49.60	47.00	47.10	49.50	50.70	44.60	46.60	44.80	48.70
1985	47.70	53.80	52.50	52.80	51.50	45.30	42.00	47.00	43.90	44.20	45.30	42.20	46.50
1986	43.40	45.80	46.50	41.70	39.90	40.90	44.90	49.10	45.10	47.20	48.40	47.20	45.50
	LAMBS (Dollars Per Cwt.)												
1983	53.00	58.70	60.90	56.90	55.10	49.60	46.60	45.20	45.90	49.70	53.40	55.50	50.20
1984	59.50	52.90	53.40	55.80	55.40	54.60	55.50	57.00	59.10	59.90	60.50	57.90	56.80
1985	60.20	62.10	64.20	65.30	63.90	65.00	65.90	66.50	68.40	67.70	66.90	62.10	65.60
1986	61.80	61.20	61.30	64.80	63.50	68.80	68.90	63.90	62.50	63.80	66.20	70.40	65.90
	MILK, SOLD TO PLANTS (Dollars Per Cwt.)												
1983	14.10	14.10	13.90	13.70	13.50	13.40	13.40	13.50	13.80	13.90	14.10	14.00	13.80
1984	13.80	13.50	13.40	13.30	13.20	12.90	13.00	13.20	13.70	14.00	14.50	14.20	13.50
1985	14.20	14.00	13.50	13.20	12.80	12.30	12.30	12.10	12.40	12.70	12.80	12.80	12.80
1986	12.60	12.40	12.20	12.10	12.00	11.90	12.00	12.20	12.60	12.90	13.20	13.20	12.40

[1] Crop year begins with month to right of heavy line.

PRICES PAID BY FARMERS: Specified Products, Mid-Month, 1983-1986

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	CHICK STARTER (Dollars Per Ton)											
1983	191	200	205	210	210	215	210	215	230	225	225	220
1984	230	230	220	220	230	225	220	210	205	205	205	200
1985	195	196	197	197	197	192	192	195	200	190	185	190
1986	195	195	*	184	—	—	185	—	—	197	—	—
	BROILER GROWER (Dollars Per Ton)											
1983	182	199	196	205	200	205	200	205	220	220	220	210
1984	225	225	215	215	225	230	225	215	210	210	210	205
1985	200	197	199	199	199	205	210	210	215	205	200	196
1986	200	190	*	184	—	—	194	—	—	184	—	—
	LAYING FEED (Dollars Per Ton)											
1983	168	176	179	186	182	187	185	191	198	191	197	200
1984	200	200	193	196	200	198	190	185	189	185	185	180
1985	178	170	170	170	177	186	200	199	205	185	175	175
1986	180	183	*	163	—	—	170	—	—	159	—	—
	TURKEY GROWER (Dollars Per Ton)											
1983	188	196	196	200	205	220	220	220	225	220	220	220
1984	225	225	215	215	220	220	210	210	200	199	199	199
1985	195	199	195	195	190	197	210	210	220	200	190	185
1986	176	178	*	205	—	—	220	—	—	205	—	—
	DAIRY FEED - 16% PROTEIN (Dollars Per Ton)											
1983	170	170	174	177	177	177	178	180	181	185	191	188
1984	195	192	192	188	195	195	188	195	185	180	180	175
1985	175	170	165	170	175	175	176	173	175	163	161	162
1986	166	160	*	157	—	—	155	—	—	144	—	—
	SOYBEAN MEAL - 44% PROTEIN (Dollars Per Cwt.)											
1983	16.50	16.50	16.00	16.00	17.00	17.00	17.00	17.50	18.00	18.00	18.00	18.50
1984	19.00	19.00	18.00	18.50	18.50	18.50	18.00	17.50	18.00	17.50	17.00	16.50
1985	16.00	16.50	15.00	15.00	15.00	14.00	14.50	13.50	14.00	13.50	14.00	14.50
1986	15.00	15.50	*	16.40	—	—	15.10	—	—	17.00	—	—
	COTTONSEED MEAL - 41% PROTEIN (Dollars Per Cwt.)											
1983	14.50	14.50	15.00	15.00	16.00	15.50	15.50	16.00	17.00	17.00	17.00	17.00
1984	17.50	17.50	17.50	18.00	17.50	16.00	16.50	16.50	16.50	16.00	16.00	16.50
1985	15.00	15.00	15.00	15.00	14.50	15.00	14.00	14.50	13.00	13.00	13.00	13.50
1986	14.00	14.00	*	13.10	—	—	13.30	—	—	13.70	—	—
	GASOLINE, UNLEADED, SERVICE STATION (Dollars Per Gallon)											
1983	1.22	1.13	1.11	1.14	1.18	1.23	1.29	1.26	1.26	1.27	1.24	1.20
1984	1.22	1.18	1.20	1.23	1.26	1.26	1.22	1.19	1.20	1.22	1.23	1.23
1985	1.20	1.20	1.20	1.18	1.21	1.25	1.20	1.22	1.22	1.21	1.21	1.18
1986	1.20	1.15	*	.996	—	—	.945	—	—	.890	—	—
	GASOLINE, REGULAR, BULK DELIVERY (Dollars Per Gallon)											
1983	1.12	1.04	1.01	1.01	1.05	1.12	1.18	1.18	1.18	1.16	1.15	1.11
1984	1.10	1.06	1.06	1.12	1.15	1.15	1.11	1.09	1.09	1.11	1.13	1.11
1985	1.10	1.09	1.07	1.08	1.12	1.13	1.13	1.11	1.12	1.11	1.11	1.10
1986	1.12	1.11	*	.888	—	—	.866	—	—	.800	—	—
	DIESEL FUEL (Dollars Per Gallon)											
1983	1.08	1.03	.99	.94	.93	.94	.94	.93	.94	.96	.95	.94
1984	.95	.94	.94	.94	.94	.94	.93	.91	.89	.91	.93	.91
1985	.91	.90	.87	.88	.90	.90	.90	.89	.88	.88	.91	.94
1986	.95	.88	*	.634	—	—	.544	—	—	.590	—	—

* State estimates discontinued as of March 1. Pacific Region estimates quarterly thereafter.

1986 Climatological Review

January

The new year brought an abrupt warming of the abnormally cold weather of late 1985. In fact, at most locations this was among the warmest Januarys on record. An exception was along the Snake River Plain in Malheur County where temperatures averaged more than six degrees below normal. Precipitation was below average in the west and southeast. Other areas were wetter than average. Hay supplies were short due to heavy supplemental feeding.

February

February brought heavy rain and widespread flooding to Oregon. At many sites this was among the wettest of Februarys on record. Temperatures averaged near normal, except the south was warmer than normal. By the end of the month, the snow cover had melted from fields in the Columbia Basin and crops began to green up. Hay supplies remained short.

March

The entire state averaged much warmer than normal. Snow melt continued, causing high streamflows in the east. Precipitation was below average in the west but above average in the eastern third of Oregon. The southeast had more than double its average rainfall and Malheur Lake reached its highest level in recorded history. Rangeland and fall crops developed about two weeks ahead of normal. Good forage eased tight hay supplies.

April

Temperatures were close to long-term averages during April. Some frost protection was required in fruit orchards early in the month, but the most severe frost occurred on the 23rd and 24th. Willamette Valley strawberry fields suffered damage during this period. The most severe tree fruit damage was to apples in the Hood River Valley. Cranberry bogs at the coast were sprinkled for frost protection. Precipitation was generally below average except in the Cascades and southeast. Most rain fell during the cool episode the last week of the month.

May

Cool weather extended through the first three weeks of the month, causing some additional frost damage in strawberry fields and slowing crop development. The final week turned very warm. Most of western Oregon exceeded average May precipitation by early in the month, while the east experienced near normal rainfall amounts. Vegetable seeding was slowed by rains.

June

June was among the warmest on record in Oregon, although some cool weather interrupted the warm periods. Crop growth advanced rapidly and by month's end was ahead of normal. Precipitation was generally below average, but isolated thunderstorms produced extremely heavy rains in the northeast, causing numerous mudslides. Strawberry picking began early and the season was shortened by hot weather. Other berry crops also matured ahead of normal.

July

The month was generally colder and wetter than normal. Much of the precipitation fell on the fourth, as a vigorous Pacific cold front moved onshore. Winter grain and grass seed harvesting was slowed by rains. Also, western field burning was slowed by inclement weather.

August

August also was one of the warmest on record. No precipitation fell at many locations, with less than average totals at virtually all sites. Dry thunderstorms in combination with hot temperatures resulted in a serious fire season. Harvest of pears and apples began ahead of normal.

September

The month began warm and dry but cooled markedly about the ninth as a low pressure system formed off the coast. Much of the month's precipitation came during the final two weeks. The high Cascades received very heavy early snowfall. This moisture halted field preparation temporarily, but was welcomed because many growers were awaiting rainfall before seedng fall grain crops. The extreme fire danger of earlier weeks also was reduced.

October

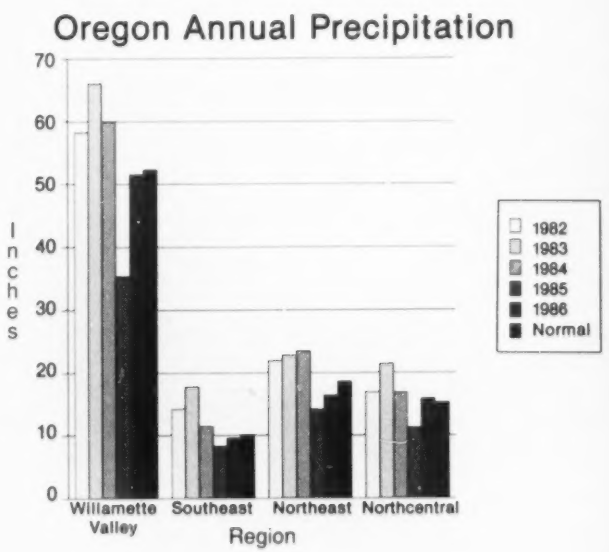
October was warm and very sunny. After an extended dry period, most of the precipitation fell the last week. The month averaged drier than normal. Grain and grass seed planting progressed rapidly after the late September rains. Hay growers raced to wrap up the 1986 season during this Indian Summer period.

November

Very heavy rains accompanied by high winds caused some local flooding in coastal and western Oregon during the second half of November. East of the Cascades was generally dry with fewer strong winds. Monthly temperatures were warmer than normal throughout the state. Filbert harvest was nearly wrapped up before the bad weather began. Fall seeded crops got off to a good start.

December

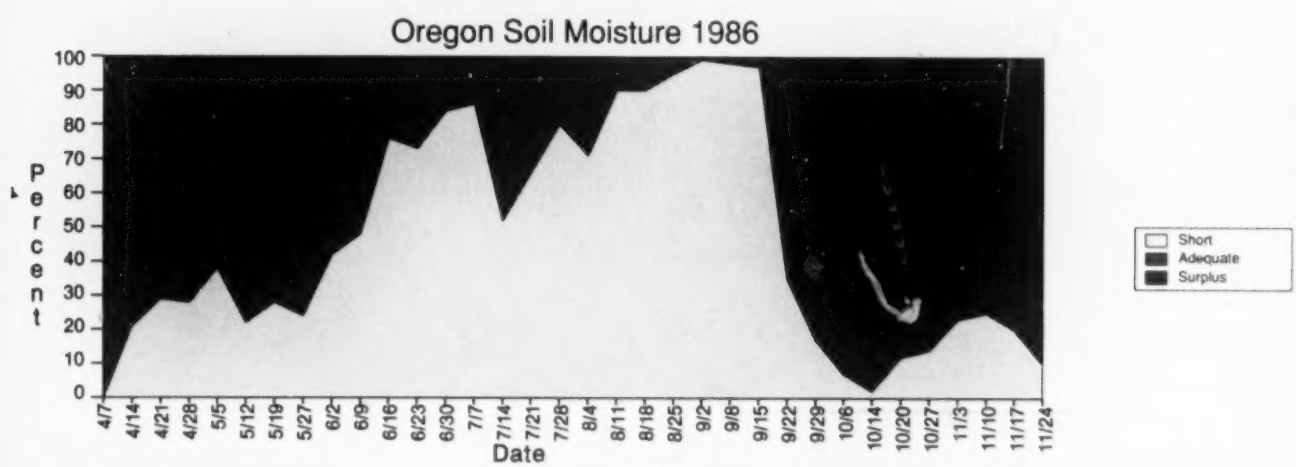
December was dry with somewhat below average temperatures. Snowfall was much less than average at lower elevations. Good forage in the east meant hay supplies were much above the previous season. Nine months during 1986 were warmer than normal over the state.



PRECIPITATION: Monthly Totals With Annual Departures From Normal, 1986

Area Station	Monthly Precipitation												Annual	
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Departure*
COASTAL AREA														
Brookings	12.23	20.05	8.85	4.91	7.41	1.31	0.42	0.08	6.59	4.53	11.05	7.58	85.01	8.79
North Bend	10.83	16.26	7.38	4.53	5.79	0.75	0.95	0.09	4.60	3.35	13.22	5.49	73.24	12.10
Newport	8.29	11.73	5.04	4.33	3.31	1.10	2.51	0.14	3.63	4.39	9.44	4.08	57.99	M
Cloverdale	9.26	12.50	6.53	5.16	4.62	1.01	3.69	0.14	5.61	5.68	11.29	6.12	71.61	-13.42
Astoria	11.19	8.93	6.11	3.58	3.30	0.94	1.69	0.14	3.62	5.45	11.42	7.34	63.71	-5.89
WILLAMETTE VALLEY														
Eugene	6.97	14.22	4.41	1.85	3.21	0.33	0.42	0.04	4.65	2.46	11.04	3.30	52.90	6.86
Portland AP	4.65	5.31	2.60	1.91	2.19	0.23	1.20	0.10	4.30	1.99	6.26	4.30	35.04	-2.35
Salem	6.25	8.26	2.89	1.30	2.22	0.42	1.23	0.00	3.12	2.71	7.24	3.86	39.50	-0.85
SOUTHWESTERN VALLEY														
Grants Pass	6.10	9.47	2.53	0.51	1.59	0.44	T	0.00	2.91	2.22	3.18	2.09	31.04	-1.27
Medford AP	1.99	5.22	1.02	0.23	1.19	0.45	T	T	2.31	1.49	2.45	0.72	17.07	-2.77
SOUTHEAST														
Nyssa	1.28	3.53	1.30	0.85	0.56	0.24	0.01	0.12	2.09	0.25	0.39	0.32	10.94	0.87
Vale	0.83	1.92	0.90	0.56	0.72	0.27	0.21	0.18	1.89	0.23	0.21	0.29	8.21	-1.43
NORTHEAST														
Baker	1.11	1.66	0.67	0.71	1.32	0.80	0.33	0.66	1.60	0.26	0.45	0.22	9.79	-0.84
Enterprise	1.61	2.82	1.01	1.27	2.21	1.26	0.91	0.54	2.10	0.57	1.78	0.61	16.69	N/A
Union	1.18	3.03	1.11	0.67	1.44	0.33	0.49	0.31	1.33	0.58	1.90	0.15	12.52	-1.49
NORTHCENTRAL														
Condon	1.80	3.23	1.25	0.37	0.95	0.30	0.60	0.33	1.90	0.70	2.51	0.76	14.70	0.90
Dufur	2.96	3.49	1.18	0.23	0.66	0.18	0.33	0.34	1.10	0.42	1.24	0.81	12.94	0.78
Heppner	1.91	2.53	1.67	0.66	1.17	0.23	0.90	0.12	1.44	0.89	2.87	0.87	15.26	1.67
Hermiston	1.57	2.38	1.11	0.37	1.09	0.01	0.37	0.02	1.00	0.56	1.92	0.99	11.39	2.52
Hood River	7.10	8.82	2.70	1.63	0.38	0.07	0.17	0.09	2.15	1.11	5.36	3.94	33.52	2.67
Moro	1.84	2.39	0.98	0.34	0.35	0.06	0.54	0.07	1.52	0.45	1.53	0.78	10.85	-0.53
Pendleton AP	1.66	2.58	1.13	0.43	1.18	0.03	0.48	0.02	1.28	0.80	2.12	0.82	12.53	0.33
Parkdale	6.25	7.69	2.43	1.35	0.74	0.17	0.19	0.13	2.15	1.15	5.64	2.07	29.96	N/A
SOUTHCENTRAL														
Burns	1.41	3.50	1.33	0.12	0.53	0.26	0.37	0.04	2.13	0.34	0.30	0.28	10.63	N/A
Klamath Falls	1.87	4.66	1.48	0.18	0.89	0.69	0.11	0.00	2.45	0.50	0.94	0.62	14.39	0.74
Lakeview	1.07	4.71	2.08	0.51	2.80	0.43	0.08	T	2.73	0.61	0.81	0.90	16.73	M
Madras	2.11	3.09	0.55	0.11	0.31	0.11	0.62	0.03	1.15	0.45	1.25	0.76	10.54	0.45
Redmond	1.09	2.37	0.47	0.02	0.31	0.09	0.38	T	1.10	0.55	0.73	0.46	7.57	-0.97

*NOTE: Departure from average is based on 1951-1980 average.
T - Trace
M - Missing
NA - Not Available



Field Crops

Seeding of small grains in the early fall of 1985 was held up because of moisture shortages. Conditions were good for seedbed preparation but a little dry for germination. Moisture improved during October but a colder than normal November brought winter on early. As a result, some fall grains were slow in developing. In early spring, soil moisture was mostly adequate but cold, dry weather during March and April caused the condition of fall grains to decline. Small grains were still generally in fair to good condition but by early May, reports of nitrogen deficiency were showing up in some Columbia Basin counties. This was caused by an apparent leeching of nitrates at or below the root system. Fall grains improved in late May and early June with warmer weather. Development of winter wheat was mostly ahead of normal although the crop continued to experience a moisture shortage in the Columbia Basin. Grain crops were mostly good in western Oregon. Dry weather continued through June and winter wheat was turning color well ahead of normal. Overall, prospects for most small grains were up from the previous year despite shortages of moisture. Barley harvest got underway by the end of June and winter wheat harvest began by the first week in July. Cool, wet weather finally came by mid-July causing delays in small grain harvests. The moisture helped some late planted spring crops. August brought on hot, dry weather that allowed rapid harvest of small grains. As a result, harvesting of fall grains finished ahead of normal. Some areas were winding down by the first week in August.

Winter wheat yields averaged 58.0 bushels per acre in 1986 compared with 54.0 bushels in 1985. This increase in yield more than offset a decline in harvested acreage from 960,000 acres in 1985 to 930,000 acres in 1986. As a result, winter wheat production increased 4 percent to 53.9 million bushels for 1986. Higher average yields for spring wheat also more than offset a decline in acreage resulting in a production increase of 6 percent.

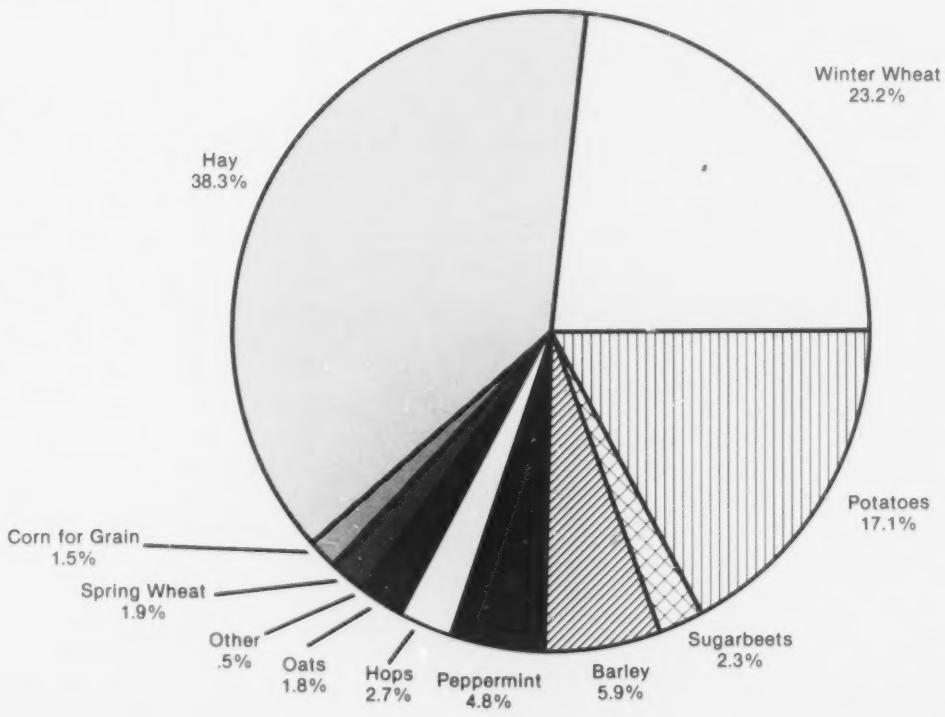
Production of all hay in 1986 at 3.1 million tons was up 5 percent from 1985. Both acres harvested and average yields in 1986 exceeded year earlier levels.

Higher average yields and increased acres of barley both helped push 1986 barley production to 20.8 million bushels, 8 percent above 1985. Harvested area at 365,000 acres was up 15,000 acres from 1985 and the average yield at 57.0 bushels per acre was 2 bushels above the previous year's average. Oat production at 7.6 million bushels was 17 percent below 1985 despite a record high yield of 95.0 bushels per acre. Acres harvested for grain dropped 20,000 acres below 1985 to 80,000 acres in 1986.

Oregon's 1986 average corn for grain yield at 160 bushels per acre was the second highest in the nation. Washington ranked first with 170 bushels.

Sugarbeet production in Oregon in 1986 was estimated at 384,000 tons, up 20 percent from 1985. Both acres harvested and average yields were up from the previous year. Oregon potato production at 23.2 million hundredweight dropped 14 percent from 1985. A 9,000 acre reduction in harvested acres to 52,000 acres more than offset a 5 hundredweight per acre increase in average yield, estimated at 446 hundredweight per acre in 1986. Production of peppermint in 1986 at 2.3 million pounds was 1 percent below the 1985 production due to a slight reduction in average yields.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY FIELD CROPS, OREGON, 1986



MAJOR FIELD CROPS: Acreage, Production and Value, 1985-1986

Crop and Year	Acreage		Yield Per Acre	Unit	Production	Average Price Per Unit	Value of Production
	Planted	Harvested					
	1,000 Acres				1,000 Units	Dollars	Million Dollars
Wheat, Winter							
1985	1,030	960	54.0	Bu.	51,840	3.41	176.8
1986	970	930	58.0	Bu.	53,940	2.45	132.2
Wheat, Spring							
1985	110	105	40.0	Bu.	4,200	3.41	14.3
1986	100	95	47.0	Bu.	4,465	2.45	10.9
Wheat, All							
1985	1,140	1,065	52.6	Bu.	56,040	3.41	191.1
1986	1,070	1,025	57.0	Bu.	58,405	2.45	143.1
Barley							
1985	360	350	55.0	Bu.	19,250	2.01	38.7
1986	375	365	57.0	Bu.	20,805	1.60	33.3
Oats							
1985	140	100	92.0	Bu.	9,200	1.35	12.4
1986	140	80	95.0	Bu.	7,600	1.35	10.3
Corn for Grain [1]							
1985	70	40	165.0	Bu.	6,600	2.68	17.7
1986	60	30	160.0	Bu.	4,800	1.80	8.6
Corn, Silage							
1985	—	28	24.0	Ton	672	—	N/A
1986	—	29	24.0	Ton	696	—	N/A
Rye							
1985	20	3	37.0	Bu.	111	1.97	.2
1986	20	5	40.0	Bu.	200	1.35	.3
Sugarbeets							
1985	11.9	11.8	27.0	Ton	319	35.00	[2] 11.2
1986	12.9	12.8	30.0	Ton	384	—	[2] 13.3
Potatoes, Malheur County							
1985	11.0	10.2	370	Cwt.	3,774	—	[2]
1986	7.0	6.8	350	Cwt.	2,380	—	[2]
Potatoes, Other Oregon							
1985	51.0	50.8	455	Cwt.	23,114	—	[2]
1986	46.0	45.2	460	Cwt.	20,792	—	[2]
Potatoes, All							
1985	62.0	61.0	441	Cwt.	26,888	3.55	95.6
1986	53.0	52.0	446	Cwt.	23,172	4.40	97.0
Hops							
1985	—	5.5	1,490	Lb.	8,195	2.13	17.4
1986	—	5.1	1,660	Lb.	8,466	1.79	15.2
Austrian Peas							
1986	3.0	2.5	1,150	Cwt.	29	7.80	.2
Alfalfa Hay							
1985	—	450	4.05	Ton	1,823	—	N/A
1986	—	460	4.20	Ton	1,932	—	N/A
Other Hay							
1985	—	630	1.85	Ton	1,166	—	N/A
1986	—	650	1.85	Ton	1,202	—	N/A
All Hay							
1985	—	1,080	2.77	Ton	2,989	76.50	228.7
1986	—	1,110	2.82	Ton	3,134	69.50	217.8
Peppermint							
1985	—	35.0	68	Lb.	2,380	11.00	26.2
1986	—	35.0	67	Lb.	2,345	11.70	27.4
Spearmint							
1985	—	2.2	70	Lb.	154	14.00	2.2
1986	—	1.8	85	Lb.	153	14.00	2.1
TOTAL SELECTED CROPS							
1985	—	2,781.5	—		—	—	641.4
1986	—	2,753.2	—		—	—	568.6

[1] Corn planted for all purposes.
[2] Value of production for sugarbeets released January 1988. U.S. price used to derive value; potatoes in September 1987.

ALL WHEAT: Acreage, Yield, Production and Value, 1870-1986

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres		Bushel	1,000 Bushels	Dollars	1,000 Dollars
1870	—	115	20.0	2,300	—	—
1875	—	255	19.0	4,845	—	—
1880	—	465	20.0	9,300	—	—
1885	—	585	18.0	10,530	—	—
1890	—	590	17.0	10,030	—	—
1895	—	685	20.0	13,700	—	—
1900	—	865	13.7	11,890	—	—
1905	—	670	18.2	12,195	—	—
1910	—	715	19.5	13,938	.88	12,265
1915	—	960	22.0	21,090	.86	18,137
1920	1,073	1,049	20.8	21,795	1.94	42,282
1925	1,614	964	19.6	18,893	1.34	25,317
1930	1,136	1,027	23.0	23,621	.74	17,480
1935	1,082	878	17.7	15,503	.72	11,162
1940	890	839	20.2	16,960	.66	11,194
1945	970	921	23.7	21,810	1.45	31,624
1946	1,050	984	25.6	25,168	1.77	44,548
1947	1,063	976	22.8	22,232	2.19	48,688
1948	1,100	1,052	28.5	29,954	2.01	60,208
1949	1,214	1,058	21.5	22,698	1.98	44,942
1950	997	952	24.9	23,693	2.05	48,570
1951	1,159	1,063	28.2	29,972	2.17	65,039
1952	1,215	1,167	27.4	32,016	2.16	69,155
1953	1,270	1,220	28.1	34,298	2.12	72,711
1954	928	888	29.5	26,196	2.17	56,845
1955	876	824	26.6	21,899	2.03	44,455
1956	919	816	31.4	25,607	2.03	51,982
1957	786	745	36.0	26,788	2.04	54,647
1958	861	821	34.3	28,147	1.81	50,946
1959	838	800	35.8	28,608	1.80	51,494
1960	838	793	33.6	26,626	1.81	48,193
1961	832	796	25.9	20,602	1.89	38,938
1962	751	687	36.8	25,264	1.97	49,770
1963	829	789	35.5	27,998	1.90	53,196
1964	840	791	34.6	27,385	1.33	36,422
1965	942	806	35.2	28,399	1.36	38,751
1966	806	757	33.8	25,558	1.58	40,382
1967	1,063	1,030	31.6	32,575	1.42	46,257
1968	1,012	954	30.9	29,434	1.28	37,669
1969	817	772	38.2	29,502	1.31	38,647
1970	735	673	39.7	26,717	1.46	39,007
1971	809	768	44.9	34,500	1.43	49,335
1972	918	879	41.9	36,848	2.05	75,539
1973	1,125	1,032	34.9	35,976	4.65	167,288
1974	1,324	1,265	41.7	52,745	4.44	234,188
1975	1,310	1,255	46.2	58,040	3.78	219,391
1976	1,370	1,333	45.2	60,301	2.79	168,240
1977	1,308	1,230	38.7	47,620	2.77	131,908
1978	1,285	1,225	42.4	51,925	3.51	182,257
1979	1,450	1,245	46.0	57,310	3.79	217,205
1980	1,410	1,350	57.3	77,400	3.98	308,052
1981	1,300	1,260	59.0	74,330	3.84	285,427
1982	1,260	1,200	52.9	63,500	4.02	255,270
1983	1,170	1,085	60.4	65,570	3.69	241,953
1984	1,200	1,115	61.8	68,945	3.47	239,240
1985	1,140	1,065	52.6	56,040	3.41	191,096
1986	1,070	1,025	57.0	58,405	2.45	143,092

WINTER WHEAT: Acreage, Yield and Production, by County, 1985-1986

District and County	1985				1986			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres			Bushels	Acres			Bushels
NORTHWEST:								
Benton	20,000	18,500	81.0	1,498,500	17,500	16,500	87.0	1,435,500
Clackamas	13,800	12,700	72.0	914,400	9,500	9,000	83.0	747,000
Columbia	900	800	85.0	68,000	600	600	90.0	54,000
Lane	11,300	10,400	85.0	884,000	10,700	10,400	89.0	925,600
Linn	23,900	22,000	77.0	1,694,000	25,000	23,500	85.0	1,997,500
Marion	34,500	31,800	80.0	2,544,000	29,000	27,700	91.0	2,520,700
Multnomah	2,000	1,900	74.0	140,600	2,000	2,000	95.0	190,000
Polk	31,100	29,500	73.0	2,153,500	33,000	32,000	83.0	2,656,000
Washington	21,700	20,500	78.0	1,599,000	20,000	19,000	92.0	1,748,000
Yamhill	45,600	43,600	82.0	3,576,500	37,000	36,000	90.0	3,240,000
TOTAL	204,900	191,700	78.6	15,072,500	184,300	176,700	87.8	15,514,300
NORTH CENTRAL:								
Gilliam	101,000	94,000	33.0	3,102,000	103,000	97,000	36.0	3,492,000
Morrow	164,500	155,500	43.0	6,686,500	158,000	154,500	42.0	6,489,000
Sherman	103,000	97,000	37.0	3,589,000	101,000	98,000	39.0	3,822,000
Wasco	67,500	62,300	39.0	2,429,700	63,500	61,100	45.0	2,749,500
TOTAL	436,000	408,800	38.7	15,807,200	425,500	410,600	40.3	16,552,500
NORTHEAST:								
Baker	11,800	11,000	63.0	693,000	9,500	9,000	63.0	567,000
Umatilla	254,500	239,000	53.4	12,760,900	245,500	237,600	57.9	13,757,700
Union	36,100	32,500	59.0	1,917,500	31,000	29,000	72.0	2,088,000
Wallowa	12,400	11,000	48.0	528,000	10,000	9,000	55.0	495,000
TOTAL	314,800	293,500	54.2	15,899,400	296,000	284,600	59.4	16,907,700
SOUTHWEST:								
Douglas	4,800	4,400	70.0	308,000	3,500	2,800	76.0	212,800
Jackson	2,900	2,400	60.0	144,000	2,700	2,400	67.0	160,800
Josephine	600	500	55.0	27,500	500	400	50.0	20,000
TOTAL	8,300	7,300	65.7	479,500	6,700	5,600	70.3	393,600
SOUTHEAST:								
Crook	4,200	3,300	92.0	303,600	3,100	2,800	93.0	260,400
Deschutes	1,400	1,300	65.0	84,500	800	600	95.0	57,000
Grant	2,200	1,000	42.0	42,000	2,000	400	40.0	16,000
Harney	400	—	—	—	1,100	700	40.0	28,000
Jefferson	23,200	21,200	77.0	1,632,400	17,000	16,000	79.0	1,264,000
Klamath	700	400	75.0	30,000	1,500	1,400	70.0	98,000
Lake	1,400	1,300	38.0	49,400	1,600	1,500	33.0	49,500
Malheur	29,700	27,700	85.0	2,354,500	28,200	27,000	101.3	2,736,000
Wheeler	2,900	2,500	34.0	85,000	2,200	2,100	30.0	63,000
TOTAL	66,100	58,700	78.0	4,581,400	57,500	52,500	87.1	4,571,900
STATE TOTAL	1,030,000	960,000	54.0	51,840,000	970,000	930,000	58.0	53,940,000

SPRING WHEAT: Acreage, Yield and Production, by County, 1985-1986

District and County	1985				1986			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	1,000	1,000	44.0	44,000	2,500	2,500	60.0	150,000
Clackamas	700	700	57.0	39,900	2,200	2,000	50.0	100,000
Columbia	—	—	—	—	—	—	—	—
Lane	700	700	38.0	26,600	700	600	55.0	33,000
Lincoln	—	—	—	—	—	—	—	—
Linn	1,600	1,500	50.0	75,000	1,600	1,500	45.0	67,500
Marion	2,500	2,500	48.0	120,000	2,500	2,300	50.0	115,000
Multnomah	500	500	40.0	20,000	—	—	—	—
Polk	3,900	3,900	45.0	175,500	2,100	2,000	50.0	100,000
Tillamook	—	—	—	—	—	—	—	—
Washington	2,300	2,100	40.0	84,000	1,100	1,000	55.0	55,000
Yamhill	4,400	4,400	40.0	176,000	4,000	4,000	60.0	240,000
TOTAL	17,600	17,300	44.0	761,000	16,700	15,900	54.1	860,500
NORTH CENTRAL:								
Gilliam	20,000	19,800	24.0	475,200	15,700	15,000	25.0	375,000
Morrow	5,500	5,500	19.0	104,500	5,100	5,000	35.0	175,000
Sherman	3,000	3,000	18.0	54,000	4,000	4,000	25.0	100,000
Wasco	4,600	4,500	25.0	112,500	4,300	3,900	40.0	156,000
TOTAL	33,100	32,800	22.8	746,200	29,100	27,900	28.9	806,000
NORTHEAST:								
Baker	1,200	1,100	55.0	60,500	1,300	1,000	45.0	45,000
Umatilla	13,500	12,900	31.0	399,900	14,500	14,000	48.0	672,500
Union	6,400	6,000	46.0	276,000	5,600	5,500	50.0	275,000
Wallowa	6,000	5,900	42.7	252,200	5,300	5,200	40.0	208,000
TOTAL	27,100	25,900	38.2	988,600	26,700	25,700	46.7	1,200,500
SOUTHWEST:								
Douglas	200	200	60.0	12,000	—	—	—	—
Jackson	100	100	44.0	4,400	100	100	50.0	5,000
Josephine	—	—	—	—	—	—	—	—
TOTAL	300	300	54.7	16,400	100	100	50.0	5,000
SOUTHEAST:								
Crook	1,200	600	68.0	40,800	1,000	900	64.0	57,600
Deschutes	400	400	53.0	21,200	1,000	800	60.0	48,000
Grant	—	—	—	—	—	—	—	—
Harney	2,000	1,900	45.0	67,500	1,600	1,500	50.0	75,000
Jefferson	10,300	9,500	54.4	516,600	6,300	6,000	55.0	330,000
Klamath	9,000	8,900	69.0	614,100	9,100	8,600	70.0	602,000
Lake	2,100	1,800	36.0	64,800	1,800	1,200	42.0	50,400
Malheur	5,800	5,600	63.0	352,800	6,200	6,000	70.0	420,000
Wheeler	1,100	400	25.0	10,000	400	400	25.0	10,000
TOTAL	31,900	28,700	58.8	1,687,800	27,400	25,400	62.7	1,593,000
STATE TOTAL	110,000	105,000	40.0	4,200,000	100,000	95,000	47.0	4,465,000

ALL WHEAT: Acreage, Yield and Production, by County, 1985-1986

District and County	1985				1986			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	21,000	19,500	79.1	1,542,500	20,000	19,000	83.4	1,585,500
Clackamas	14,500	13,400	71.2	954,300	11,700	11,000	77.0	847,000
Columbia	900	800	85.0	68,000	600	600	90.0	54,000
Lane	12,000	11,100	82.0	910,600	11,400	11,000	87.1	958,600
Linn	25,500	23,500	75.3	1,769,000	26,600	25,000	82.6	2,065,000
Marion	37,000	34,300	77.7	2,664,000	31,500	30,000	87.9	2,635,700
Multnomah	2,500	2,400	66.9	160,600	2,000	2,000	95.0	190,000
Polk	35,000	33,400	69.7	2,329,000	35,100	34,000	81.1	2,756,000
Washington	24,000	22,600	74.5	1,683,000	21,100	20,000	90.2	1,803,000
Yamhill	50,000	48,000	78.2	3,752,500	41,000	40,000	87.0	3,480,000
TOTAL	222,400	209,000	75.8	15,833,500	201,000	192,600	85.0	16,374,000
NORTHCENTRAL:								
Gilliam	121,000	113,800	31.4	3,577,200	118,700	112,000	34.5	3,867,000
Morrow	170,000	161,000	42.2	6,791,000	163,100	159,500	41.8	6,664,000
Sherman	106,000	100,000	36.4	3,643,000	105,000	102,000	38.5	3,922,000
Wasco	72,100	66,800	38.1	2,542,200	67,800	65,000	44.7	2,905,500
TOTAL	469,100	441,600	37.5	16,553,400	454,600	438,500	39.6	17,358,500
NORTHEAST:								
Baker	13,000	12,100	62.3	753,500	10,800	10,000	61.2	612,000
Umatilla	268,000	251,900	52.2	13,160,800	260,000	251,600	57.4	14,430,200
Union	42,500	38,500	57.0	2,193,500	36,600	34,500	68.5	2,363,000
Wallowa	18,400	16,900	46.2	780,200	15,300	14,200	49.5	703,000
TOTAL	341,900	319,400	52.9	16,888,000	322,700	310,300	58.4	18,108,200
SOUTHWEST:								
Douglas	5,000	4,600	69.6	320,000	3,500	2,800	76.0	212,800
Jackson	3,000	2,500	59.4	148,400	2,800	2,500	66.3	165,800
Josephine	600	500	55.0	27,500	500	400	50.0	20,000
TOTAL	8,600	7,600	65.3	495,900	6,800	5,700	69.9	398,600
SOUTHEAST:								
Crook	5,400	3,900	88.3	344,400	4,100	3,700	85.9	318,000
Deschutes	1,800	1,700	62.2	105,700	1,800	1,400	75.0	105,000
Grant	2,200	1,000	42.0	42,000	2,000	400	40.0	16,000
Harney	2,400	1,500	45.0	67,500	2,700	2,200	46.8	103,000
Jefferson	33,500	30,700	70.0	2,149,000	23,300	22,000	72.5	1,594,000
Klamath	9,700	9,300	69.3	644,100	10,600	10,000	70.0	700,000
Lake	3,500	3,100	36.8	114,200	3,400	2,700	37.0	99,900
Malheur	35,500	33,300	81.3	2,707,300	34,400	33,000	95.6	3,156,000
Wheeler	4,000	2,900	32.8	95,000	2,600	2,500	29.2	73,000
TOTAL	98,000	87,400	71.7	6,269,200	84,900	77,900	79.1	6,164,900
STATE TOTAL	1,140,000	1,065,000	52.6	56,040,000	1,070,000	1,025,000	57.0	58,405,000

ALL WHEAT IRRIGATED: Acreage, Yield and Production, by County, 1985-1986

District and County	1985				1986			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	2,500	2,300	100.0	230,000	1,100	1,100	72.6	79,900
Clackamas	2,200	2,100	74.5	156,500	1,700	1,400	56.4	79,000
Clatsop	—	—	—	—	—	—	—	—
Columbia	—	—	—	—	—	—	—	—
Lane	4,000	3,900	90.0	351,000	2,600	2,600	93.5	243,000
Lincoln	—	—	—	—	—	—	—	—
Linn	1,700	1,700	77.4	131,500	900	900	78.3	70,500
Marion	6,800	6,300	89.0	561,000	4,800	4,600	95.0	437,000
Multnomah	200	200	70.0	14,000	—	—	—	—
Polk	1,400	1,400	77.1	108,000	400	300	85.0	25,500
Tillamook	—	—	—	—	—	—	—	—
Washington	1,900	1,800	89.0	160,200	1,400	1,400	76.4	107,000
Yamhill	3,100	3,000	98.8	296,500	600	600	95.0	57,000
TOTAL	23,800	22,700	88.5	2,008,700	13,500	12,900	85.2	1,098,900
NORTH CENTRAL:								
Gilliam	3,700	3,400	61.9	210,500	2,000	2,000	91.0	182,000
Hood River	—	—	—	—	—	—	—	—
Morrow	25,500	24,500	98.7	2,419,000	21,900	21,900	99.2	2,172,000
Sherman	2,300	2,300	56.7	130,500	1,700	1,700	60.0	102,000
Wasco	5,700	5,700	58.7	334,500	6,000	5,700	66.9	381,500
TOTAL	37,200	35,900	86.2	3,094,500	31,600	31,300	90.7	2,837,500
NORTHEAST:								
Baker	9,500	9,100	66.3	603,500	7,000	6,800	73.1	497,000
Umatilla	33,000	31,900	91.8	2,929,000	31,400	30,700	90.1	2,764,600
Union	18,800	17,500	67.1	1,173,500	13,500	13,500	76.8	1,036,500
Wallowa	4,200	3,800	77.4	294,000	4,100	4,000	65.9	263,500
TOTAL	65,500	62,300	80.3	5,000,000	56,000	55,000	82.9	4,561,600
SOUTHWEST:								
Coos	—	—	—	—	—	—	—	—
Curry	—	—	—	—	—	—	—	—
Douglas	200	200	60.0	12,000	—	—	—	—
Jackson	700	600	86.5	51,900	900	900	85.6	77,000
Josephine	600	500	55.0	27,500	—	—	—	—
TOTAL	1,500	1,300	70.3	91,400	900	900	85.6	77,000
SOUTHEAST:								
Crook	5,100	3,800	90.1	342,400	3,500	3,200	93.4	299,000
Deschutes	1,800	1,700	62.2	105,700	1,600	1,400	75.0	105,000
Grant	—	—	—	—	—	—	—	—
Harney	1,100	1,000	55.0	55,000	1,500	1,500	50.0	75,000
Jefferson	23,300	21,100	91.3	1,926,500	14,300	13,700	99.1	1,357,600
Klamath	9,500	9,200	69.8	642,100	9,900	9,500	70.9	673,500
Lake	1,600	1,400	42.0	58,800	2,200	1,700	47.3	80,400
Malheur	31,800	30,100	87.0	2,618,800	31,400	30,900	100.1	3,094,500
Wheeler	100	100	50.0	5,000	—	—	—	—
TOTAL	74,300	68,400	84.1	5,754,300	65,000	61,900	91.8	5,685,000
STATE TOTAL	202,300	190,600	83.7	15,948,900	167,000	162,000	88.0	14,260,000

ALL WHEAT VARIETIES: Planted Acres, 1986 and 1987

Varieties by Class	% of All Wheat		Planted Acres [1]		1987 Planted Acres by District [2]				
	1986	1987	1986	1987	NW	NC	NE	SW	SE
Soft White Winter									
Stephens	74.0	77.0	791,300	650,500	94,000	286,500	232,500	5,000	32,500
Hill - 81	7.2	4.6	76,600	39,100	35,000	1,600	1,800	—	700
Daws	1.0	2.4	10,500	20,400	9,000	700	10,300	—	400
McDermid	.6	1.5	5,900	13,000	—	8,700	—	—	4,300
Yamhill	1.7	1.4	18,200	12,000	11,000	1,000	—	—	—
Dusty	.1	1.4	1,100	11,600	—	4,200	7,400	—	—
Lewjain	.1	.6	1,200	5,400	—	3,600	1,800	—	—
Goldcoin	.2	.5	2,200	4,200	—	—	3,100	—	1,100
Hyslop	2.0	.3	21,500	2,300	—	—	2,300	—	—
Nugaines	1.2	.1	12,800	1,200	400	—	100	—	700
Malcomb	.2	*	1,700	400	—	—	400	—	—
Gaines	.1	*	1,100	200	—	—	—	—	200
Other & Unknown	.2	.2	1,800	1,300	600	400	200	—	100
Total	88.4	90.1	945,900	761,600	150,000	306,700	259,900	5,000	40,000
Soft White Spring									
Owens	1.3	1.2	14,300	10,200	3,600	—	4,400	—	2,200
Dirkwin	1.4	.8	14,500	6,500	200	5,100	1,100	—	100
Twin	2.7	.7	29,200	5,600	3,900	900	800	—	—
Fielder	.1	.2	1,000	1,500	1,300	—	—	—	200
Bliss	.1	.1	800	1,200	100	—	300	—	800
Fieldwin	.3	.1	3,400	1,100	—	1,000	—	—	100
Edwall	—	.1	—	500	—	—	500	—	—
Springfield	—	*	—	300	—	300	—	—	—
Waverly	.4	*	4,500	200	—	200	—	—	—
Adams	.1	*	600	100	—	—	—	—	100
Lemhi	—	*	—	100	—	—	—	—	100
Other & Unknown	.2	.4	2,500	3,700	500	300	2,700	—	200
Total	6.6	3.7	70,800	31,000	9,600	7,800	9,800	—	3,800
White Club									
Crew	1.1	.5	11,700	4,100	—	4,100	—	—	—
Tres	—	.4	—	3,600	—	3,500	100	—	—
Moro	—	.4	—	3,600	—	3,600	—	—	—
Faro	.6	.2	6,400	1,500	—	1,500	—	—	—
Other & Unknown	.4	—	4,800	—	—	—	—	—	—
Total	2.1	1.5	22,900	12,800	—	12,700	100	—	—
All White Wheat	97.1	95.3	1,039,600	805,400	159,600	327,200	269,800	5,000	43,800
Hard Red Winter									
Hail	—	.4	—	3,000	—	3,000	—	—	—
Ute	.1	.3	1,200	2,600	—	2,600	—	—	—
Total	.1	.7	1,200	5,600	—	5,600	—	—	—
Hard Red Spring									
Yecoro Rojo	1.0	2.0	10,600	17,300	1,500	3,800	1,800	—	10,200
Westbred 906R	.8	.8	8,700	6,700	—	3,300	300	100	3,000
Kodiak	.1	.1	1,000	500	—	—	500	—	—
Other & Unknown	.6	.7	6,900	6,200	300	300	2,600	—	3,000
Total	2.5	3.6	27,200	30,700	1,800	7,400	5,200	100	16,200
All Red Wheat	2.7	4.3	28,400	36,300	1,800	13,000	5,200	100	16,200
Durum									
881	.1	.2	1,300	2,000	—	—	2,000	—	—
Other & Unknown	.1	.2	700	1,300	—	800	500	—	—
Total	.2	.4	2,000	3,300	—	800	2,500	—	—
All Wheat	100.0	100.0	1,070,000	845,000	161,400	341,000	277,500	5,100	60,000

* Less than .1 percent. [1] Preliminary 1987 acreage estimates. [2] NW: Benton, Clackamas, Clatsop, Columbia, Lane, Lincoln, Linn, Marion, Multnomah, Polk, Tillamook, Washington, Yamhill. NC: Gilliam, Hood River, Morrow, Sherman, Wasco. NE: Baker, Umatilla, Union, Wallowa. SW: Coos, Curry, Douglas, Jackson, Josephine. SE: Crook, Deschutes, Grant, Harney, Jefferson, Klamath, Lake, Malheur, Wheeler.

BARLEY: Acreage, Yield, Production and Value, 1870-1986

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres		Bushel	1,000 Bushels	Dollars	1,000 Dollars
1870	—	7	30.5	214	.75	160
1875	—	20	29.0	580	.80	464
1880	—	29	29.0	841	.67	563
1885	—	35	29.5	1,032	.49	506
1890	—	42	27.5	1,155	.70	808
1895	—	55	22.5	1,238	.40	495
1900	—	66	28.0	1,848	.42	776
1905	—	92	28.5	2,622	.52	1,363
1910	—	100	23.0	2,300	.63	1,449
1915	—	85	25.0	2,125	.55	1,169
1920	—	67	27.5	1,842	1.24	2,284
1925	—	84	28.0	2,352	.69	1,623
1930	90	72	31.2	2,246	.48	1,078
1935	142	112	27.0	3,024	.47	1,421
1940	263	213	25.0	5,325	.50	2,662
1945	285	257	29.5	7,582	1.06	8,037
1946	302	278	34.0	9,452	1.32	12,477
1947	323	300	35.5	10,650	1.68	17,892
1948	381	351	34.5	12,110	1.19	14,411
1949	297	274	32.0	8,768	1.16	10,171
1950	362	337	32.0	10,784	1.25	13,480
1951	362	337	31.0	10,447	1.39	14,521
1952	304	276	38.0	10,488	1.56	16,361
1953	328	301	38.0	11,438	1.19	13,611
1954	558	527	37.0	19,499	1.17	22,814
1955	614	559	32.0	17,888	.99	17,709
1956	620	570	37.5	21,375	1.04	22,230
1957	651	616	35.5	21,868	.98	21,431
1958	618	585	34.0	19,890	1.01	20,089
1959	598	538	36.5	19,637	1.01	19,833
1960	514	457	36.0	16,452	1.03	16,946
1961	519	484	34.5	16,698	1.06	17,700
1962	467	407	43.5	17,704	1.01	17,881
1963	481	427	39.0	16,653	.98	16,320
1964	462	393	40.5	15,916	1.05	16,712
1965	439	369	46.0	16,974	1.08	18,332
1966	452	410	41.0	16,810	1.16	19,500
1967	298	266	32.5	8,645	1.11	9,596
1968	336	279	37.5	10,462	1.01	10,567
1969	444	399	44.0	17,556	.94	16,503
1970	440	395	46.0	18,170	1.03	18,715
1971	392	355	51.0	18,105	1.08	19,553
1972	281	250	48.0	12,000	1.45	17,400
1973	270	230	40.0	9,200	2.41	22,172
1974	215	190	45.0	8,550	2.98	25,479
1975	200	177	51.0	9,027	2.53	22,838
1976	195	174	50.0	8,700	2.36	20,532
1977	210	190	47.0	8,930	1.89	16,878
1978	225	200	54.0	10,800	1.91	20,628
1979	180	160	52.0	8,320	2.47	20,550
1980	170	155	65.0	10,075	2.97	29,923
1981	220	205	60.0	12,300	2.52	30,996
1982	260	250	62.0	15,500	2.22	34,410
1983	280	270	61.0	16,470	2.59	42,657
1984	290	280	62.0	17,360	2.37	41,143
1985	360	350	55.0	19,250	2.01	38,693
1986	375	365	57.0	20,805	1.60	33,288

BARLEY: Acreage, Yield and Production, by County, 1985-1986

District and County	1985				1986			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	1,000	1,000	75.0	75,000	1,100	1,100	70.0	77,000
Clackamas	800	800	72.0	57,600	800	800	75.0	60,000
Columbia	700	700	70.0	49,000	700	700	70.0	49,000
Lane	1,900	1,900	70.0	133,000	1,900	1,900	75.0	142,500
Linn	1,800	1,800	80.0	144,000	2,500	2,500	70.0	175,000
Marion	2,500	2,200	80.0	176,000	2,000	1,800	65.0	117,000
Multnomah	500	500	70.0	35,000	700	700	80.0	56,000
Polk	1,800	1,700	70.0	119,000	2,600	2,600	75.0	195,000
Washington	2,300	2,200	75.0	165,000	1,600	1,600	65.0	104,000
Yamhill	2,000	2,000	70.0	140,000	2,700	2,700	70.0	189,000
TOTAL	15,300	14,800	73.9	1,093,600	16,600	16,400	71.0	1,164,500
NORTHCENTRAL:								
Gilliam	21,000	20,000	41.0	820,000	25,900	25,000	40.0	1,000,000
Morrow	41,500	40,000	42.0	1,680,000	41,300	41,000	42.0	1,722,000
Sherman	48,000	47,000	40.0	1,880,000	45,000	45,000	39.0	1,755,000
Wasco	24,000	23,000	44.0	1,012,000	25,000	25,000	44.0	1,100,000
TOTAL	134,500	130,000	41.5	5,392,000	137,200	136,000	41.0	5,577,000
NORTHEAST:								
Baker	7,200	7,000	65.0	455,000	6,500	6,500	72.0	468,000
Umatilla	81,000	80,500	54.5	4,387,900	102,000	100,000	57.6	5,755,500
Union	18,500	18,000	67.0	1,206,000	16,000	15,000	72.0	1,080,000
Wallowa	27,500	27,000	60.0	1,620,000	25,000	25,000	60.0	1,500,000
TOTAL	134,200	132,500	57.9	7,668,900	149,500	146,500	60.1	8,803,500
SOUTHWEST:								
Douglas	500	500	70.0	35,000	500	500	72.0	36,000
Jackson	2,300	2,300	66.0	151,800	1,700	1,700	65.0	110,500
Josephine	300	300	55.0	16,500	300	300	50.0	15,000
TOTAL	3,100	3,100	65.6	203,300	2,500	2,500	64.6	161,500
SOUTHEAST:								
Crook	1,600	1,600	92.0	147,200	2,000	1,700	95.0	161,500
Deschutes	600	600	80.0	48,000	800	700	80.0	56,000
Grant	400	300	45.0	13,500	600	200	35.0	7,000
Harney	3,500	3,000	50.0	150,000	9,000	6,000	55.7	334,000
Jefferson	7,100	7,000	85.0	595,000	3,300	3,000	85.0	255,000
Klamath	37,000	36,000	70.0	2,520,000	30,500	30,000	90.0	2,700,000
Lake	5,900	5,000	42.0	210,000	6,500	6,000	50.0	300,000
Malheur	15,600	15,000	78.0	1,170,000	15,000	14,500	85.0	1,232,500
Wheeler	1,200	1,100	35.0	38,500	1,500	1,500	35.0	52,500
TOTAL	72,900	69,600	70.3	4,892,200	69,200	63,600	80.2	5,098,500
STATE TOTAL	360,000	350,000	55.0	19,250,000	375,000	365,000	57.0	20,805,000

ALL OATS: Acreage, Yield and Production, by County, 1985-1986

District and County	1985				1986			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	3,500	3,000	80.0	240,000	3,500	3,000	80.0	240,000
Clackamas	6,500	4,700	95.0	446,500	6,500	4,800	100.0	480,000
Clatsop	100	—	—	—	100	—	—	—
Columbia	1,800	1,000	75.0	75,000	1,600	600	85.0	51,000
Lane	4,500	3,500	85.0	297,500	4,500	3,500	80.0	280,000
Lincoln	100	—	—	—	100	—	—	—
Linn	6,000	5,000	84.0	420,000	5,800	5,000	85.0	425,000
Marion	15,000	13,500	110.0	1,485,000	14,500	11,000	106.9	1,175,700
Multnomah	800	700	90.0	63,000	800	500	100.0	50,000
Polk	16,000	14,500	90.0	1,305,000	15,500	12,800	95.0	1,216,000
Washington	15,000	12,000	113.0	1,356,000	14,500	7,000	110.0	770,000
Yamhill	17,500	15,000	—	1,484,500	17,500	13,500	98.0	1,323,000
TOTAL	86,800	72,900	98.4	7,172,500	84,900	61,700	97.4	6,010,700
NORTHCENTRAL:								
Gilliam	1,000	900	55.0	49,500	1,000	800	50.0	40,000
Hood River	100	—	—	—	—	—	—	—
Morrow	1,200	700	30.0	21,000	800	100	40.0	4,000
Sherman	100	—	—	—	100	100	40.0	4,000
Wasco	700	300	40.0	12,000	500	200	50.0	10,000
TOTAL	3,100	1,900	43.4	82,500	2,400	1,200	48.3	58,000
NORTHEAST:								
Baker	1,200	500	70.0	35,000	2,000	400	77.0	30,800
Umatilla	800	500	90.0	45,000	1,300	500	100.0	50,000
Union	4,000	2,700	70.0	189,000	3,500	1,300	75.0	97,500
Wallowa	3,900	2,800	80.0	224,000	3,600	2,800	85.0	238,000
TOTAL	9,900	6,500	75.8	493,000	10,400	5,000	83.3	416,300
SOUTHWEST:								
Coos	200	—	—	—	100	—	—	—
Douglas	1,000	700	65.0	45,500	900	500	75.0	37,500
Jackson	800	500	70.0	35,000	1,000	200	65.0	13,000
Josephine	200	100	60.0	6,000	300	100	70.0	7,000
TOTAL	2,200	1,300	66.5	86,500	2,300	800	71.9	57,500
SOUTHEAST:								
Crook	1,000	700	90.0	63,000	2,200	200	90.0	18,000
Deschutes	3,500	700	60.0	42,000	3,200	700	80.0	56,000
Grant	3,000	300	55.0	16,500	3,100	200	60.0	12,000
Harney	5,500	4,000	60.0	240,000	5,600	3,200	70.0	224,000
Jefferson	900	600	100.0	60,000	700	500	150.0	75,000
Klamath	16,000	7,700	90.0	693,000	15,500	4,000	115.0	460,000
Lake	2,500	1,000	55.0	55,000	3,000	400	60.0	24,000
Malheur	5,000	2,000	90.0	180,000	5,200	1,900	95.0	180,500
Wheeler	600	400	40.0	16,000	1,500	200	40.0	8,000
TOTAL	38,000	17,400	78.5	1,365,500	40,000	11,300	93.6	1,057,500
STATE TOTAL	140,000	100,000	92.0	9,200,000	140,000	80,000	95.0	7,600,000

FIELD CORN: Acreage, Yield and Production, by County, 1985-1986

District and County	1985				1986			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted All Purposes	Harvested For Grain			Planted All Purposes	Harvested For Grain		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	800	—	—	—	900	—	—	—
Clackamas	2,400	300	100.0	30,000	2,800	450	130.0	58,500
Columbia	400	—	—	—	600	—	—	—
Lane	1,400	—	—	—	1,500	—	—	—
Linn	1,200	—	—	—	1,300	100	120.0	12,000
Marion	4,000	500	125.0	62,500	4,000	150	120.0	18,000
Multnomah	300	—	—	—	400	100	120.0	12,000
Polk	1,200	200	120.0	24,000	1,500	650	130.0	84,500
Washington	3,800	200	115.0	23,000	4,000	150	100.0	15,000
Yamhill	2,200	700	125.0	87,500	2,500	550	150.0	82,500
Tillamook	100	—	—	—	—	—	—	—
Total	17,800	1,900	119.5	227,000	19,500	2,150	131.4	282,500
NORTHCENTRAL:								
Gilliam	100	100	120.0	12,000	—	—	—	—
Hood River	100	—	—	—	100	—	—	—
Morrow	21,000	19,400	178.0	3,452,500	9,500	8,000	173.0	1,384,000
Total	21,200	19,500	177.7	3,464,500	9,600	8,000	173.0	1,384,000
NORTHEAST:								
Baker	600	100	100.0	10,000	400	50	120.0	6,000
Umatilla	13,000	10,500	177.0	1,858,500	12,300	9,800	170.2	1,667,500
Total	13,600	10,600	176.3	1,868,500	12,700	9,850	169.9	1,673,500
SOUTHWEST:								
Coos	500	—	—	—	500	—	—	—
Douglas	200	—	—	—	200	—	—	—
Jackson	900	—	—	—	600	—	—	—
Josephine	700	—	—	—	600	—	—	—
Total	2,300	—	—	—	1,900	—	—	—
SOUTHEAST:								
Deschutes	—	—	—	—	100	—	—	—
Jefferson	100	—	—	—	200	—	—	—
Malheur	15,000	8,000	130.0	1,040,000	16,000	10,000	146.0	1,460,000
Total	15,100	8,000	130.0	1,040,000	16,300	10,000	146.0	1,460,000
STATE TOTAL	70,000	40,000	165.0	6,600,000	60,000	30,000	160.0	4,800,000

STOCKS OF MAJOR GRAINS AND HAY: 1977-1987

Crop and Year	January 1[1]		April 1[1]		June 1		October 1[1]	
	Off Farm Total	Total All Positions	Off Farm Total	Total All Positions	Off Farm Total	Total All Positions	Off Farm Total	Total All Positions
	1,000 Bushels							
WHEAT								
1977	30,200	47,084	18,917	27,359	14,488	19,915	32,933	50,552
1978	25,567	38,424	17,691	23,882	11,254	15,540	33,703	52,396
1979	25,920	40,978	18,474	26,782	13,641	17,276	38,653	60,431
1980	30,384	48,723	22,027	34,062	19,062	23,647	49,095	73,089
1981	34,931	55,829	25,405	40,885	19,207	27,721	48,277	72,063
1982	37,118	58,674	26,312	41,921	15,610	25,273	39,662	63,792
1983	30,735	51,055	22,171	36,141	18,463	27,353	46,803	73,687
1984	33,916	58,177	30,789	47,837	24,397	37,511	44,385	70,584
1985	38,131	58,815	30,444	44,922	29,534	41,255	51,692	75,229
1986	44,429	64,603	39,099	53,669	36,830	49,719	57,031	81,547
1987	49,300	70,300	42,400	56,400	36,800	45,800	—	—
BARLEY								
1977	3,363	5,538	2,643	3,774	1,650	2,346	5,235	9,164
1978	4,346	6,846	3,144	4,484	1,568	1,925	4,955	9,383
1979	3,806	6,398	2,413	3,817	2,004	2,436	5,169	8,164
1980	4,143	6,473	1,972	2,970	759	1,092	4,963	8,993
1981	2,998	5,920	2,708	3,917	622	1,025	7,175	12,095
1982	4,674	8,487	1,061	2,537	776	1,268	6,254	12,299
1983	5,825	11,250	2,645	4,970	1,549	2,324	8,873	14,308
1984	4,733	8,521	3,108	4,755	679	1,338	10,461	16,363
1985	4,218	8,384	2,081	4,338	946	1,640	9,098	14,873
1986	6,126	9,976	[2]	[2]	1,691	3,231	—	—
1987	—	—	—	—	2,650	4,250	—	—
OATS								
1977	1,961	3,155	968	1,738	499	884	2,587	4,667
1978	1,979	3,643	1,464	2,504	752	1,376	1,435	3,717
1979	1,358	3,259	561	1,829	380	1,014	1,738	3,949
1980	1,199	2,807	731	1,736	235	637	1,293	3,529
1981	1,017	2,590	429	1,381	197	528	1,751	3,571
1982	1,214	2,716	578	1,488	482	846	2,271	5,267
1983	1,918	3,958	1,696	3,099	874	1,575	1,818	4,038
1984	950	2,570	612	1,392	275	515	1,731	4,701
1985	1,130	2,780	706	1,432	412	676	2,890	6,386
1986	2,137	4,437	[2]	[2]	662	1,122	—	—
1987	—	—	—	—	524	1,424	—	—
CORN								
1977	279	754	162	428	179	293	139	187
1978	290	860	159	444	129	243	126	172
1979	138	814	103	435	116	249	[3]	[3]
1980	118	748	127	442	160	286	40	90
1981	72	787	178	536	119	262	70	127
1982	[3]	[3]	[3]	[3]	144	382	38	157
1983	215	3,522	121	1,556	245	994	108	358
1984	108	3,048	562	1,364	456	830	174	334
1985	2,686	4,756	488	1,156	130	464	85	219
1986	438	1,890	173	[3]	119	[3]	116	[3]
1987	1,170	[3]	214	[3]	179	[3]	—	—

	JANUARY 1 ON FARM TOTAL[1]	MAY 1 ON FARM TOTAL
	1,000 Tons	1,000 Tons
HAY		
1977	1,850	375
1978	1,824	608
1979	2,218	527
1980	1,798	360
1981	2,382	745
1982	2,165	289
1983	1,958	267
1984	2,185	281
1985	2,023	218
1986	1,495	179
1987	2,100[4]	689

[1] Beginning in 1987, estimate dates are December 1, March 1, June 1 and September 1. [2] No longer available for April 1.
[3] Not published to avoid disclosure. [4] December previous year.

PEPPERMINT: Acreage, Yield and Production, by Area, 1985-1986

District	1985			1986		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	Acres	Pounds	Pounds	Acres	Pounds	Pounds
Northwest	17,110	74.4	1,272,410	16,880	72.4	1,228,580
Northeast	600	73.1	43,870	700	74.4	52,090
Southwest	—	—	—	—	—	—
Southeast	17,170	61.6	1,056,830	17,300	61.1	1,057,000
Other	120	57.4	6,890	120	61.1	7,330
State Total	35,000	68.0	2,380,000	35,000	67.0	2,345,000

FERTILIZER: Commercial Usage, 1981-1986

Year [1]	Kind of Fertilizer				Primary Nutrients			
	Mixtures	Direct Appl. Materials		Total	Total Nitrogen	Available Phosphoric Acid	Potash	Total NPK [2]
		Primary Nutrient	Secondary & Micro-Nutr.					
	Tons							
1981	99,006	477,678	16,739	593,423	150,344	53,168	23,204	226,716
1982	124,771	452,351	14,772	591,894	148,467	50,577	24,138	223,182
1983	130,424	419,225	12,097	561,746	165,964	76,394	28,617	270,975
1984	93,885	409,661	12,130	515,676	144,335	80,178	30,245	254,758
1985	154,763	383,289	18,623	556,675	138,174	40,392	24,632	203,198
1986	126,399	372,745	30,114	529,258	133,940	38,371	23,626	195,937

[1] Year ends June 30.
[2] The sums of the individual items may not equal totals due to rounding.

FERTILIZER: Direct Application Materials Consumption, 1982-1986

Material	1982	1983	1984	1985	1986
	Tons				
NITROGEN MATERIALS					
Anhydrous Ammonia	26,757	21,281	30,590	21,481	22,086
Aqua Ammonia	29,603	31,022	27,032	30,312	24,060
Ammonium Nitrate	22,353	19,131	19,174	19,455	22,561
Ammonium Sulfate	80,056	72,846	66,688	68,987	67,031
Nitrogen Solutions	77,339	80,473	75,014	106,479	99,790
Urea	66,392	70,367	63,043	75,368	79,058
Other	45,068	35,758	31,902	45,822	32,216
PHOSPHATE MATERIALS					
Superphosphates (22% and under)	2,522	1	—	—	—
Superphosphates (over 22%)	9,463	10,444	13,991	7,373	5,634
Other	10,810	4,085	3,897	168	1,468
POTASH MATERIALS					
Chloride (50-62% grades)	24,380	23,722	26,651	30,094	30,070
Other	5,459	5,371	6,307	3,694	5,478

ALL POTATOES: Acreage, Yield, Production and Value, 1870-1986

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1870	—	5.0	62	312	1.42	442
1875	—	8.0	85	682	1.45	988
1880	—	9.0	74	664	.98	653
1885	—	15.0	64	963	.60	578
1890	—	18.0	59	1,069	1.08	1,158
1895	—	28.0	59	1,663	.65	1,081
1900	—	31.0	63	1,953	.75	1,465
1905	—	40.0	64	2,544	1.00	2,544
1910	—	42.0	53	2,218	1.32	2,920
1915	—	54.0	58	3,143	1.13	3,562
1920	—	38.0	78	2,964	1.45	4,298
1925	—	32.0	68	2,170	2.78	6,039
1930	34.0	34.0	93	3,162	.95	3,004
1935	47.0	41.0	81	3,321	.92	3,044
1940	35.0	35.0	144	5,040	.60	3,024
1945	52.0	52.0	144	7,488	2.00	14,976
1946	50.0	50.0	156	7,800	1.90	14,820
1947	36.0	36.0	150	5,400	3.20	17,280
1948	38.0	38.0	186	7,068	2.35	16,610
1949	38.0	38.0	183	6,940	2.09	14,580
1950	36.5	36.5	217	7,920	1.48	11,740
1951	30.5	30.5	213	6,485	2.85	18,434
1952	30.5	30.5	232	7,090	3.22	22,807
1953	38.5	38.5	208	7,998	1.24	9,951
1954	38.0	38.0	219	8,305	2.20	18,371
1955	37.0	36.0	215	7,755	1.70	13,132
1956	37.5	37.5	234	8,790	1.78	15,556
1957	37.5	37.5	250	9,375	1.75	16,354
1958	39.5	39.5	254	10,020	1.18	11,855
1959	35.9	35.5	245	8,680	2.14	18,361
1960	34.5	34.5	227	7,838	2.47	19,407
1961	40.0	40.0	247	9,865	1.27	12,498
1962	37.0	37.0	240	8,871	1.49	13,177
1963	34.0	34.0	267	9,090	1.80	16,393
1964	35.0	35.0	241	8,425	3.23	27,088
1965	38.5	38.5	238	9,180	2.01	18,439
1966	41.5	41.5	250	10,385	2.06	21,282
1967	50.0	49.0	270	13,252	1.75	23,155
1968	44.5	44.5	264	11,768	1.93	22,717
1969	48.2	46.7	285	13,308	2.01	26,746
1970	54.5	53.6	284	15,229	1.78	27,139
1971	48.3	47.5	289	13,723	1.73	23,744
1972	40.8	40.7	355	14,436	2.75	39,674
1973	44.0	41.9	380	15,929	3.88	61,535
1974	50.7	50.0	350	17,482	3.88	67,883
1975	56.4	55.5	440	24,408	3.20	77,869
1976	65.9	65.6	441	28,913	2.71	78,269
1977	60.3	60.0	426	25,550	2.89	73,705
1978	69.5	67.6	421	28,488	2.76	78,607
1979	65.5	63.0	402	25,310	2.83	71,590
1980	48.0	47.0	420	19,745	4.60	90,761
1981	55.0	54.0	402	21,710	4.50	97,228
1982	53.5	52.5	402	21,105	3.90	82,310
1983	49.2	48.5	427	20,710	4.65	96,172
1984	58.0	56.5	416	23,525	4.75	112,105
1985	62.0	61.0	441	26,888	3.55	95,618
1986	53.0	52.0	446	23,172	4.20	96,965

POTATOES: Acreage, Yield and Production, by Counties, 1985-1986

District and County	1985			1986		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	Acres	Cwt.	Cwt.	Acres	Cwt.	Cwt.
NORTHWEST:						
Clackamas	250	352	88,000	240	342	82,000
Marion	400	320	128,000	350	314	110,000
Multnomah	350	320	112,000	300	313	94,000
Washington	500	360	180,000	500	412	206,000
TOTAL	1,500	339	508,000	1,390	354	492,000
NORTHCENTRAL:						
Morrow	18,250	519	9,479,000	15,000	519	7,786,000
TOTAL	18,250	519	9,479,000	15,000	519	7,786,000
NORTHEAST:						
Baker	300	350	105,000	300	293	88,000
Umatilla	12,460	460	5,732,000	12,500	490	6,121,000
Wallowa	500	360	180,000	500	332	166,000
TOTAL	13,260	454	6,017,000	13,300	479	6,375,000
SOUTHEAST:						
Crook	1,900	360	684,000	1,400	411	576,000
Deschutes	800	360	288,000	600	392	235,000
Jefferson	2,600	407	1,057,000	2,250	412	926,000
Klamath	11,500	410	4,715,000	10,500	392	4,114,000
Malheur	10,200	370	3,774,000	6,800	350	2,380,000
TOTAL	27,000	390	10,518,000	21,550	382	8,231,000
OTHER COUNTIES:	990	370	366,000	760	379	288,000
STATE TOTAL	61,000	441	26,888,000	52,000	446	23,172,000

POTATOES: Production, Farm Disposition, Season Average Price and Value, 1983-1986

Crop Year	Production	Farm Disposition				Price Per Cwt.	Value of	
		Used on Farm			Sold		Production	Sales
		Total	Seed, Feed & Household Use	Shrink and Loss				
	1,000 Cwt.					Dollars	1,000 Dollars	
1983	20,710	2,465	126	2,339	18,245	4.65	96,172	84,660
1984	23,525	2,385	65	2,320	21,140	4.75	112,105	100,583
1985	26,888	3,608	356	3,252	23,280	3.55	95,618	82,826
1986	23,172	2,693	268	2,425	20,479	4.20	96,965	85,682

POTATOES: Stocks, December 1 - May 1, Oregon, 1977-1986 Crop Years

State and Crop Year	December 1	Following Year				
		January 1	February 1	March 1	April 1	May 1
Oregon	1,000 Cwt.					
1977	15,700	14,100	12,500	10,800	8,400	N/A
1978	17,700	15,400	12,500	9,900	7,700	5,650
1979	16,900	14,600	12,400	9,800	7,200	4,700
1980	13,300	11,300	9,600	7,500	5,800	3,600
1981	15,200	12,700	10,500	8,300	5,800	4,000
1982	15,100	13,200	11,300	9,400	6,700	4,600
1983	14,000	12,100	9,600	8,300	6,500	4,500
1984	15,400	12,900	11,000	8,700	6,400	4,500
1985	18,500	15,700	13,300	10,500	8,000	5,800
1986	17,000	14,900	12,700	10,100	7,800	5,800

POTATOES: Used for Processing[1], Eight States, 1985 and 1986 Crops

Area and Storage Season	To December 1	Following Year					Entire Season
		To January 1	To February 1	To March 1	To April 1	To May 1	
Washington and Other Oregon Counties[2]	1,000 Cwt.						
1985-86	21,725	25,665	29,450	34,450	39,990	45,110	57,430
1986-87	21,530	25,510	28,530	33,595	39,610	44,865	56,910
Idaho & Malheur County, Oregon[3]							
1985-86	17,830	22,980	26,660	32,170	37,910	43,240	55,220
1986-87	13,200	17,980	21,910	27,070	33,360	38,970	55,470
Other States[4]							
1985-86	8,685	10,925	13,745	16,650	19,400	22,375	30,905
1986-87	8,340	11,240	13,675	16,185	19,190	21,945	27,970
EIGHT-STATE TOTAL							
1985-86	48,240	59,570	69,855	83,270	97,300	110,725	143,555
1986-87	43,070	54,730	64,115	76,850	92,160	105,780	140,350

[1] Total quantity received and used for processing, regardless of the state in which the potatoes were produced.
[2] Includes processing totals of Washington plus Oregon but excluding Malheur County.
[3] Includes processing totals of Idaho plus Malheur County, Oregon.
[4] Maine, Michigan, Minnesota, North Dakota and Wisconsin.

POTATOES: Acreage, Yield and Production, and Value, United States, 1985-1986

Seasonal Groups and State	1985 Harvested Acres	1985 Yield Per Acre	1985 Production	1985 Price Per Cwt.	1985 Value of Production	1986 Harvested Acres	1986 Yield Per Acre	1986 Production	1986 Price Per Cwt.	1986 Value of Production
	1,000 Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	1,000 Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
Winter	13.2	204	2,691	14.00	37,440	12.3	243	2,991	11.80	34,837
Spring	87.0	264	22,986	8.27	189,810	75.9	261	19,822	7.05	139,691
Summer	113.9	244	27,794	4.86	135,021	95.2	220	20,927	7.00	146,140
Fall										
Idaho	345.0	297	102,515	3.30	338,300	307.0	294	90,220	4.30	387,946
Oregon:										
Malheur County	10.2	370	3,774	3.90	14,719	6.8	350	2,380	4.05	9,639
Other Counties	50.8	455	23,114	3.50	80,899	45.2	460	20,792	4.20	87,326
Washington	126.0	505	63,630	3.45	219,524	118.0	525	61,950	4.30	266,385
Total Fall States	1,147.0	308	353,638	3.42	1,208,329	1,036.2	307	317,771	4.68	1,487,805
Total United States	1,361.1	299	407,109	3.92	1,570,600	1,219.6	296	361,511	5.03	1,808,483

POTATOES: Utilization Per Capita, United States, 1979-1986

Item	1979	1980	1981	1982	1983	1984	1985	1986[1]
				Million Cwt.				
Production	342.5	302.9	338.6	335.1	333.9	362.6	407.1	361.5
				Pounds				
Consumption, Per Capita[2]	111.7	102.7	120.0	122.1	113.3	124.3	138.0	127.8
Fresh	41.8	38.3	53.2	52.9	44.8	52.7	61.4	52.0
Processed[3] [4]	69.9	64.4	66.8	69.2	68.5	71.6	76.6	75.8
Canned[5]	2.1	1.9	1.8	1.9	1.9	1.8	1.9	1.8
Frozen	40.2	36.4	37.7	40.0	39.0	41.7	45.3	45.3
Shoestrings & Chips	16.9	16.7	16.8	17.2	17.9	18.1	18.3	18.2
Dehydrated	10.7	9.4	10.5	10.1	9.7	10.0	11.1	10.5

[1] Preliminary.
[2] Furnished by ERS.
[3] Fresh-weight basis.
[4] Includes flour.
[5] Includes potatoes canned in soups, stews, and other combinations.

Tree Fruit and Nuts

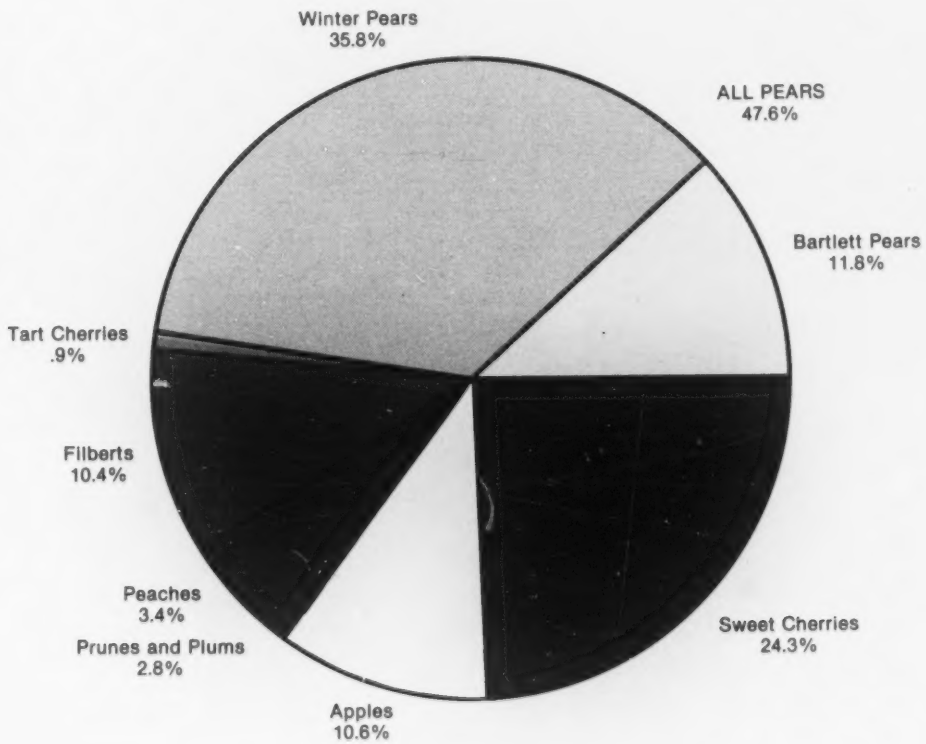
Oregon's utilized production of tree fruit crops in 1986 declined 17 percent from the 1985 total but increased 6 percent from 1984 production. The total value of these crops was 10 percent lower than a year earlier but 26 percent above two years ago. The state ranked third in all pear production in 1986, accounting for 21 percent of the nation's utilized production. Oregon utilized production of Bartlett pears decreased 33 percent from 1985, but the price improved by $13 per ton, or 6 percent. Production of other pears was 5 percent less than the 1985 crop. The average price increased by $29 per ton, or 10 percent.

The state's sweet cherry crop increased 41 percent from a year earlier and was 90 percent of the record crop produced in 1983. The 1986 price was 7 percent above the previous year. Oregon ranked second among the states in sweet cherry production with 28 percent of the U.S. utilized total. Tart cherry production in Oregon for 1986 was 8 percent less than in 1985, but nearly four times the very small 1984 crop. The average price declined 33 percent. Oregon ranked fifth nationally in tart cherry production, accounting for 2.7 percent of the nation's utilized total.

The 1986 Oregon apple crop was 34 percent less than in 1985 and 19 percent smaller than 1984. The price declined $42 per ton from 1985, but was $8 per ton above the 1984 average. The state ranked as the ninth largest apple producer with 1.3 percent of U.S. utilized production. Prune and plum production was 17 percent less than a year earlier but 32 percent above two years earlier. The price was 5 percent below 1985 and 8 percent below 1984. Peach production decreased 10 percent from 1985 and was the same as in 1984. Average value was 6 percent below a year earlier and 4 percent below two years earlier.

Filbert production in Oregon for 1986 declined 39 percent from the 1985 record crop, but was still the fourth largest crop on record. The average price per ton improved by $47 over the 1985 crop and $107 from the 1984 crop. Oregon produced 99 percent of the U.S. filbert crop in 1986, but accounted for approximately 3 percent of world production.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY FRUIT AND NUT CROPS, OREGON, 1986



TREE FRUIT AND NUT CROPS: Utilized Production, Average Price, and Value, 1983-86

Crop by Years	Utilized Production[1]	Average Price[1]	Value of Utilized Production[1]	Fresh Market		Processing	
	Tons	Dollars Per Ton	Thousand Dollars	Tons	Dollars Per Ton	Tons	Dollars Per Ton
Apples							
1983	77,500	200.00	15,570	60,000	228.00	17,500	107.00
1984	65,000	202.00	13,114	46,000	238.00	19,000	113.00
1985	80,000	252.00	20,200	60,000	300.00	20,000	110.00
1986	52,500	210.00	11,004	38,500	248.00	14,000	104.00
Sweet Cherries							
1983	42,000	486.00	20,396	9,500	604.00	32,500	451.00
1984	29,500	491.00	14,489	10,000	548.00	19,500	462.00
1985	27,000	621.00	16,761	4,000	861.00	23,000	579.00
1986	38,000	663.00	25,187	8,500	860.00	29,500	606.00
Tart Cherries							
1983	3,000	674.00	2,023	350	540.00	2,650	692.00
1984	800	508.00	406	150	560.00	650	496.00
1985	3,250	480.00	1,560	300	480.00	2,950	480.00
1986	3,000	320.00	960	200	320.00	2,800	320.00
Bartlett Pears							
1983	63,000	149.00	9,400	22,000	185.00	41,000	130.00
1984	44,000	217.00	9,569	12,700	300.00	31,300	184.00
1985	75,000	230.00	17,282	17,000	324.00	58,000	203.00
1986	50,000	243.00	12,161	19,000	348.00	31,000	179.00
Other Pears							
1983	125,000	188.00	23,473	—	—	—	—
1984	106,000	288.00	30,542	—	—	—	—
1985	118,000	302.00	35,588	—	—	—	—
1986	112,000	331.00	37,036	—	—	—	—
Peaches							
1983	6,000	460.00	2,755	—	—	—	—
1984	6,500	570.00	3,710	—	—	—	—
1985	7,250	580.00	4,199	—	—	—	—
1986	6,500	546.00	3,554	—	—	—	—
Prunes & Plums							
1983	16,000	169.00	2,700	—	—	—	—
1984	14,000	169.00	2,368	—	—	—	—
1985	22,400	163.00	3,641	—	—	—	—
1986	18,500	155.00	2,868	—	—	—	—
Filberts							
1983	8,000	554.00	4,432	—	—	—	—
1984	13,200	617.00	8,144	—	—	—	—
1985	24,300	677.00	16,451	—	—	—	—
1986	14,900	724.00	10,788	—	—	—	—
State Total							
1983	340,500	—	80,749	—	—	—	—
1984	279,000	—	82,342	—	—	—	—
1985	357,200	—	115,682	—	—	—	—
1986	295,400	—	103,558	—	—	—	—

[1] Both Fresh Market and Processing.

FRUIT CROPS: Utilized Production, by Area, 1983-1986

Area and Year	Apples	Sweet Cherries	Tart Cherries	Bartlett Pears	Other Pears
			Tons		
Willamette Valley					
1983	7,080	12,450	2,980	2,010	—
1984	5,905	8,080	770	1,490	—
1985	6,685	7,300	3,200	2,500	—
1986	3,702	9,180	2,990	1,630	
Southwest					
1983	2,490	300	—	16,230	46,350
1984	2,810	270	—	22,140	49,990
1985	2,840	350	—	29,410	47,980
1986	2,218	620	—	22,390	48,610
Mid-Columbia					
1983	47,700	24,820	—	44,760	78,630
1984	40,090	18,350	—	20,370	55,980
1985	45,535	16,170	—	43,090	70,000
1986	35,804	26,580	—	25,980	63,380
Milton-Freewater					
1983	18,480	1,950	—	—	—
1984	14,320	900	—	—	—
1985	23,025	900	—	—	—
1986	9,664	1,160	—	—	—
Other					
1983	1,750	2,480	20	—	20
1984	1,875	1,900	30	—	30
1985	1,915	2,280	50	—	20
1986	1,112	440	10	—	10
State Total					
1983	77,500	42,000	3,000	63,000	125,000
1984	65,000	29,500	800	44,000	106,000
1985	80,000	27,000	3,250	75,000	118,000
1986	52,500	38,000	3,000	50,000	112,000

PROCESSED UTILIZATION: Apples, Sweet Cherries, 1983-1986

Crop and Year	Processed (Basis Fresh Equivalent)				
	Canned	Juice & Cider	Brined	Other	Total
			Million Lbs.		
Apples					
1983	—	12.6	—	22.4	35.0
1984	—	17.4	—	20.6	38.0
1985	—	16.0	—	24.0	40.0
1986	—	9.5	—	18.5	28.0
			Tons		
Sweet Cherries					
1983	4,700	—	21,800	6,000	32,500
1984	2,300	—	14,800	2,400	19,500
1985	3,700	—	17,800	1,500	23,000
1986	2,900	—	24,300	2,300	29,500

Vineyard Acreage in Oregon

The 1986 survey shows an increase in bearing acreage from 1,040 in 1984 to 2,186 in 1986. This 1,146 acre increase more than doubled the bearing acreage of vineyards in Oregon. At the same time, nonbearing acres were down 29%, with total acreage up 14% to 3,845 acres. The decrease in nonbearing acreage reflects the fact that acreage is now shifting into the bearing category.

Pinot Noir, White Riesling and Chardonnay continue to be the primary varieties in Oregon. These three varieties represented 76% of the bearing acres in 1986 and 70% of the total vineyard acres reported in this survey.

While nonbearing acreage is dropping off, there is continued interest in Muller Thurgau. This report shows a total of 164 acres planted, with a 74% increase in nonbearing acres between 1984 and 1986.

Vineyards in Oregon are relatively small. Of the 187 vineyards reporting, only 27 had 30 acres or more planted to wine grapes. One hundred forty-one of the 187 had 20 or fewer acres. However, in comparing data from the 1982 and 1984 survey, it is apparent that the vineyards' average size is gradually increasing.

ESTIMATED PRODUCTION OF WINE GRAPES IN 1986

Variety	Tons/ Acre	Bearing Acres	Tons Produced	Gallons Produced*
Pinot Noir	2.4	690	1,665	249,746
White Riesling	2.6	399	1,040	155,928
Chardonnay	2.4	578	1,373	206,002
Cabernet Sauv	1.9	110	207	31,114
Gewurztraminer	2.2	145	317	47,575
Muller Thurgau	4.5	58	261	39,116
Total	2.5	1,980	4,863	729,480

* Assuming 150 gallons per ton.

OREGON WINE GRAPE ACRES BY COUNTY, 1984-1986

County	Total		
	1984	1986	Percent Change
Benton	63.4	80.0	26
Clackamas	24.2	41.6	72
Douglas	269.4	285.0	6
Jackson	155.4	175.7	13
Josephine	153.3	168.8	10
Lane	93.2	134.8	45
Linn	14.8	26.8	81
Marion	122.5	141.5	16
Morrow	724.2	724.2	0
Polk	625.3	597.8	-4
Umatilla	59.5	67.3	13
Wasco	10.0	28.0	180
Washington	418.4	663.0	58
Yamhill	625.9	705.6	13
Other Counties	0.0	4.5	—
Total	3,359.5	3,844.5	14

WINEGRAPE ACRES BY VARIETY, 1982-1986[1]

Variety	Bearing			Nonbearing			Total			
	1982	1984	1986	1982	1984	1986	1982	1984	1986	Percent Change
Pinot Noir	299.5	303.8	690.0	285.6	584.2	383.7	585.1	888.0	1,073.7	21
White Riesling	221.3	217.7	398.5	158.2	452.8	337.3	379.5	670.5	735.8	10
Chardonnay	199.8	255.0	578.3	242.8	539.1	295.1	442.6	794.1	873.4	10
Cabernet Sauv.	48.3	67.4	110.3	22.1	124.2	97.8	70.4	191.6	208.1	9
Gewurztraminer	68.1	73.9	144.8	54.1	188.2	129.7	122.2	262.1	274.5	5
Chenin Blanc[2]	0.0	0.0	13.0	0.0	0.0	36.3	0.0	0.0	49.3	—
Merlot	8.7	6.4	15.0	5.3	60.9	59.5	14.0	67.3	74.5	11
Sauvignon Blanc	11.0	11.5	49.4	17.2	122.8	70.7	28.2	134.3	120.1	-11
Muller Thurgau	3.5	26.5	58.2	28.0	60.9	106.0	31.5	87.4	164.2	88
Zinfandel	1.5	1.8	3.5	3.9	3.0	0.0	5.4	4.8	3.5	-27
Pinot Gris	4.4	22.9	46.8	26.2	45.8	54.9	30.6	68.7	101.7	48
Misc. Red	11.4	7.4	34.4	0.3	25.8	15.9	11.7	33.2	50.3	52
Misc. White	27.6	45.6	44.1	15.0	113.8	71.6	42.6'	159.4	115.7	—
Other	37.3	—	—	11.5	—	—	48.8	—	—	—
Total	942.4	1,039.9	2,186.3	870.2	2,321.5	1,658.5	1,812.6	3,361.4	3,844.8	14

[1] The data was obtained from recent Oregon Vineyard Surveys conducted by the Department of Agricultural and Resource Economics at Oregon State University. Even though every effort was made to include all vineyard operators in the survey, some could not be contacted and others did not respond. However, it was estimated that the numbers included represent 80 percent or more of the established vineyard acreage.

[2] Chenin Blanc was not reported separately in previous reports.

Oregon Fruit Tree Inventory

The special Fruit Tree Survey conducted by the Oregon Agricultural Statistics Service during early 1986 showed nearly 6 million fruit trees currently growing in Oregon. They are being grown on just short of 50,000 acres. Winter pears led the tree count numbers with 1.7 million, followed closely by apples with 1.65 million trees. The sweet cherries tree count totaled 831,000, placing them third; while Bartlett pears were fourth with 808,000 trees.

On an acreage basis, sweet cherries led with 12,800 acres, followed by winter pears, 12,300 acres; apples, 10,000 acres; and Bartlett pears, 6,300 acres. Rounding out the major fruits were prunes and plums, tart cherries and peaches, in that order.

Additional data on tree age and variety by county or major producing area are available in a separate Fruit Tree Inventory bulletin published in October 1986.

NUMBER OF ACRES AND TREES BY FRUIT AND AREA - January 1, 1986

Area	Apples	Sweet Cherries	Tart Cherries	Bartlett Pears	Other Pears	Prunes & Plums	Peaches	All Fruit [1]
HOOD RIVER								
Acres	3,990	685	—	3,550	6,000	—	50	14,275
Trees	585,900	63,860	—	456,230	735,630	—	6,450	1,848,070
WASCO								
Acres	545	6,025	—	15	40	5	60	6,690
Trees	79,650	358,800	—	3,140	5,470	710	8,100	455,870
UMATILLA								
Acres	2,950	450	—	10	—	805	60	4,275
Trees	441,030	45,140	—	840	—	96,390	6,470	589,870
UNION								
Acres	10	820	—	5	—	5	10	850
Trees	1,500	49,300	—	400	—	600	790	52,590
JACKSON [2]								
Acres	300	35	—	2,360	6,140	30	280	9,145
Trees	80,010	2,540	—	306,650	944,000	4,690	31,900	1,369,790
DOUGLAS								
Acres	115	190	5	105	15	525	90	1,045
Trees	13,160	14,460	70	10,070	4,500	40,750	12,980	95,990
NORTH WILLAMETTE VALLEY [3]								
Acres	200	325	275	70	15	750	275	1,910
Trees	39,570	20,120	27,050	4,880	1,520	72,050	32,020	197,210
MID-WILLAMETTE VALLEY [4]								
Acres	600	3,900	1,600	150	30	1,950	425	8,655
Trees	95,450	255,210	167,710	19,120	6,450	195,000	50,600	789,540
SOUTH WILLAMETTE VALLEY [5]								
Acres	175	320	350	60	25	100	250	1,280
Trees	26,550	17,500	34,500	5,880	2,250	8,340	39,700	134,720
OTHER								
Acres	1,160	40	—	10	5	35	90	1,340
Trees	288,600	3,600	—	1,220	1,080	9,100	11,900	315,500
STATE TOTAL								
Acres	10,045	12,790	2,230	6,335	12,270	4,205	1,590	49,465
Trees	1,651,420	830,530	229,330	808,430	1,700,900	427,630	200,910	5,849,150

[1] Does not include apricots and nectarines mentioned in the narrative above.
[2] Includes minor acreage in Josephine County.
[3] Clackamas, Columbia, Multnomah and Washington Counties.
[4] Marion, Polk and Yamhill Counties.
[5] Benton, Lane and Linn Counties.

APPLES AND SWEET CHERRIES: Utilized Production, Price and Value, 1890-1986

Year	Apples			Sweet Cherries		
	Production	Price	Value	Production	Price	Value
	Million Pounds	Cents Per Pound	1,000 Dollars	Tons	Dollars Per Ton	1,000 Dollars
1890	64.5	—	—	—	—	—
1895	81.9	—	—	—	—	—
1900	110.4	—	—	—	—	—
1905	86.4	—	—	—	—	—
1910	182.4	2.04	3,724	—	—	—
1915	156.7	1.73	2,709	—	—	—
1920	211.2	2.33	4,928	—	—	—
1925	244.8	2.63	6,426	—	—	—
1930	288.0	1.96	5,640	—	—	—
1935	164.3	1.48	2,430	13,200	—	—
1940	151.0	1.52	2,297	20,300	98	1,989
1941	116.1	1.94	2,250	18,100	115	2,082
1942	115.4	2.96	3,414	16,100	127	2,045
1943	116.7	5.06	5,907	20,100	201	4,040
1944	151.5	4.63	7,009	17,800	262	4,664
1945	127.0	6.12	7,776	19,700	259	5,102
1946	142.6	5.21	7,425	30,000	263	7,890
1947	136.5	3.27	4,465	10,800	211	2,279
1948	123.3	4.37	5,393	18,500	258	4,773
1949	128.2	1.96	2,510	31,200	129	4,025
1950	133.4	1.69	2,252	17,400	252	4,385
1951	102.7	2.77	2,846	16,700	274	4,576
1952	110.4	3.81	4,207	17,100	183	3,129
1953	81.1	4.97	4,030	25,500	266	6,783
1954	119.5	3.42	4,084	25,400	279	7,087
1955	103.2	3.06	3,160	31,000	191	5,921
1956	80.2	4.35	3,490	15,200	292	4,438
1957	139.2	2.02	2,813	18,200	313	5,697
1958	97.4	2.33	2,274	25,500	311	7,930
1959	97.4	3.52	3,428	24,900	343	8,541
1960	86.4	3.69	3,188	12,800	377	4,826
1961	81.6	4.34	3,541	26,700	332	8,864
1962	105.6	3.56	3,759	34,000	257	8,738
1963	129.6	2.54	3,292	17,500	328	5,740
1964	92.2	2.77	2,554	25,000	285	7,125
1965	111.8	3.33	3,723	20,100	366	7,357
1966	120.0	3.43	4,116	31,800	381	12,116
1967	124.0	5.54	6,870	39,000	397	15,483
1968	87.0	5.82	5,063	15,700	476	7,473
1969	167.0	2.91	4,860	35,000	320	11,200
1970	115.0	4.43	5,095	40,000	330	13,200
1971	125.0	5.08	6,350	32,700	273	8,764
1972	105.0	5.78	6,069	20,000	434	8,400
1973	167.0	6.50	10,855	37,000	310	12,543
1974	165.0	6.20	10,230	33,500	373	12,496
1975	150.0	4.80	7,200	36,500	347	12,666
1976	170.0	7.20	12,240	39,000	350	13,650
1977	147.0	9.20	13,524	37,500	428	16,050
1978	142.0	11.10	15,762	35,000	630	22,050
1979	170.0	11.00	18,700	38,000	544	20,672
1980	195.0	7.60	14,802	31,800	500	15,900
1981	155.0	11.40	17,682	37,000	544	20,122
1982	150.0	10.00	15,045	35,000	617	21,586
1983	155.0	10.00	15,570	42,000	486	20,396
1984	130.0	10.10	13,114	29,500	491	14,489
1985	160.0	12.60	20,200	27,000	621	16,761
1986	105.0	10.50	11,004	38,000	663	25,187

BARTLETT PEARS AND OTHER PEARS: Utilized Production, Price and Value, 1925-1986

Year	Bartlett Pears			Other Pears		
	Production	Price	Value	Production	Price	Value
	Tons	Dollars Per Ton	1,000 Dollars	Tons	Dollars Per Ton	1,000 Dollars
1925	17,025	77.20	1,314	24,350	118.00	2,873
1930	33,775	34.00	1,148	54,475	54.80	2,985
1935	35,550	30.80	1,095	49,275	51.60	2,543
1936	39,700	34.00	1,350	50,525	63.20	3,193
1937	32,200	38.80	1,249	56,500	46.80	2,644
1938	31,600	19.70	796	60,725	42.80	2,599
1939	41,125	35.50	1,530	59,375	44.00	2,612
1940	43,900	38.40	1,686	60,325	55.20	3,330
1941	44,350	54.40	2,413	52,200	71.20	3,717
1942	44,600	77.90	3,550	57,525	106.80	6,144
1943	34,650	130.80	4,532	34,575	189.60	6,555
1944	44,850	110.00	4,934	65,100	138.00	8,984
1945	55,250	109.60	6,055	78,050	139.60	10,896
1946	54,750	124.10	6,795	93,625	151.20	14,156
1947	49,375	110.80	5,471	93,725	95.20	8,923
1948	45,900	106.40	4,884	73,100	108.80	7,953
1949	59,250	62.00	2,157	75,750	106.40	4,151
1950	46,250	95.60	4,422	88,750	61.20	5,432
1951	52,000	90.00	4,680	62,625	80.00	5,010
1952	53,750	56.00	3,010	74,750	92.80	6,937
1953	56,500	66.00	3,729	82,500	59.20	4,884
1954	36,025	84.40	3,041	60,250	78.40	4,724
1955	65,100	73.20	4,765	76,375	75.20	5,743
1956	61,725	87.60	5,407	89,125	84.80	7,558
1957	59,900	65.60	3,929	87,250	76.80	6,701
1958	54,200	68.00	3,686	71,750	69.20	4,965
1959	52,000	66.20	3,444	75,800	92.80	7,034
1960	44,800	89.20	3,996	60,900	100.00	6,090
1961	52,000	82.80	4,306	65,800	94.00	6,185
1962	71,800	53.60	3,848	80,000	80.40	6,432
1963	33,500	112.00	3,752	47,800	89.60	4,283
1964	56,200	76.80	4,316	61,500	82.40	5,065
1965	67,000	146.00	9,782	86,600	99.20	8,591
1966	71,000	65.50	4,651	92,500	91.70	8,482
1967	71,000	175.00	12,425	80,000	128.00	10,240
1968	44,000	128.00	5,632	49,000	162.00	7,938
1969	82,000	88.00	7,216	109,000	98.00	10,682
1970	39,000	116.00	4,524	51,000	127.00	6,477
1971	83,000	80.00	6,640	96,000	103.00	9,888
1972	51,000	122.00	6,222	59,000	174.00	10,266
1973	73,000	117.00	8,541	98,000	156.00	15,288
1974	72,000	172.00	12,384	103,000	142.00	14,626
1975	79,000	116.00	9,164	91,000	168.00	15,288
1976	75,000	101.00	7,575	125,000	129.00	16,125
1977	79,000	102.00	8,058	100,000	166.00	16,600
1978	55,500	195.00	10,823	96,000	237.00	22,752
1979	85,000	172.00	14,620	120,000	224.00	26,880
1980	80,000	170.00	13,604	120,000	202.00	24,288
1981	85,000	115.00	9,805	117,000	224.00	26,228
1982	70,000	130.00	9,104	105,000	268.00	28,142
1983	63,000	149.00	9,400	125,000	188.00	23,473
1984	44,000	217.00	9,569	106,000	288.00	30,542
1985	75,000	230.00	17,282	118,000	302.00	35,588
1986	50,000	243.00	12,161	112,000	331.00	37,036

FILBERTS AND PRUNES & PLUMS: Utilized Production, Price and Value, 1925-1986

Year	Filberts			Prunes & Plums		
	Production	Price	Value	Production	Price	Value
	Tons	Dollars Per Ton	1,000 Dollars	Tons	Dollars Per Ton	1,000 Dollars
1925	—	—	—	49,300	47.32	2,333
1930	300	340.00	102	87,300	26.70	2,334
1935	1,100	260.00	286	133,700	17.50	2,335
1936	1,850	270.00	500	133,000	20.00	2,663
1937	2,230	215.00	479	56,900	27.50	1,565
1938	2,060	220.00	453	70,500	17.10	1,203
1939	3,300	220.00	726	137,400	15.30	2,096
1940	2,700	240.00	648	36,600	32.20	1,179
1941	4,900	300.00	1,470	66,100	30.20	1,998
1942	3,500	346.00	1,211	57,500	49.80	2,863
1943	6,100	500.00	3,050	99,200	68.90	6,833
1944	5,500	540.00	2,970	57,100	78.10	4,458
1945	4,500	550.00	2,475	80,400	77.10	6,202
1946	7,300	380.00	2,774	96,900	77.00	7,458
1947	7,700	250.00	1,925	30,900	78.50	2,424
1948	5,100	260.00	1,326	37,900	68.20	2,586
1949	9,600	220.00	2,112	77,900	41.60	3,240
1950	5,350	350.00	1,872	22,300	105.00	2,342
1951	5,850	350.00	2,048	57,200	67.80	3,878
1952	10,780	296.00	3,191	43,500	81.90	3,563
1953	4,200	344.00	1,445	44,200	69.70	3,081
1954	7,850	320.00	2,512	42,500	61.10	2,597
1955	7,400	420.00	3,108	51,900	67.20	3,488
1956	2,900	510.00	1,479	59,000	49.40	2,915
1957	11,700	300.00	3,510	29,000	56.70	1,644
1958	7,100	380.00	2,698	19,700	97.20	1,915
1959	9,500	376.00	3,572	44,000	66.60	2,930
1960	8,400	420.00	3,528	4,000	163.00	652
1961	11,100	380.00	4,218	27,400	99.60	2,729
1962	7,300	440.00	3,212	46,000	64.00	2,944
1963	6,600	470.00	3,102	6,300	139.00	876
1964	7,800	440.00	3,432	23,000	61.80	1,421
1965	7,300	450.00	3,285	28,000	70.90	1,985
1966	11,700	390.00	4,563	25,000	65.60	1,640
1967	7,000	492.00	3,444	30,500	79.10	2,413
1968	7,000	518.00	3,626	11,000	109.00	1,199
1969	7,100	550.00	3,905	32,000	66.30	2,122
1970	8,750	570.00	4,988	20,300	97.20	1,973
1971	11,000	414.00	4,554	16,700	67.40	1,126
1972	9,600	508.00	4,877	8,400	182.00	1,529
1973	11,700	570.00	6,669	25,800	128.00	3,302
1974	6,400	560.00	3,584	28,000	134.00	3,752
1975	11,800	610.00	7,198	27,500	103.00	2,833
1976	6,950	640.00	4,448	29,000	107.00	3,103
1977	11,400	687.00	7,832	25,000	128.00	3,200
1978	13,700	805.00	11,029	17,000	170.00	2,890
1979	12,200	951.00	12,078	23,000	184.00	4,232
1980	15,100	1,151.00	17,386	33,000	150.00	4,950
1981	14,400	786.00	11,319	25,000	157.00	3,925
1982	18,400	680.00	12,512	19,000	185.00	3,515
1983	8,000	554.00	4,432	16,000	169.00	2,700
1984	13,200	617.00	8,144	14,000	169.00	2,368
1985	24,300	677.00	16,451	22,400	163.00	3,641
1986	14,900	724.00	10,788	18,500	155.00	2,868

Vegetables

Fresh Market and Dual Purpose

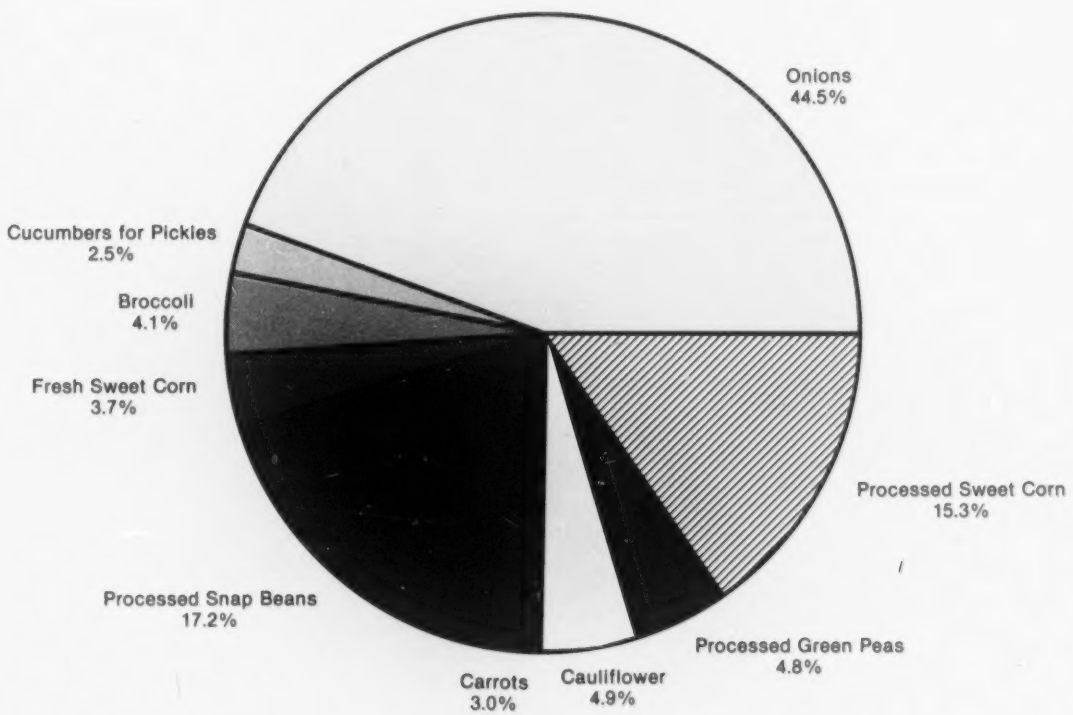
Oregon farms produced 7.49 million hundredweight of fresh and dual purpose vegetables in 1986. Production was down 11 percent from 1985, and 1984. Total value of these crops was $84.3 million. This represents a 69 percent increase in value over the previous year and a 9 percent increase over two years earlier. For 1986, Oregon ranked fifth in production of fresh market vegetables. The state produced 3.5 percent of total U.S. production for these crops.

Onion and carrot prices nearly doubled in 1986, recovering from the 1985 low levels and boosting the 1986 total value of fresh and dual purpose vegetables. Cauliflower production and average yield were down, but acres harvested were up. A record high 3,900 acres of cauliflower were harvested.

Processing

In 1986, production and acreage of processing vegetable crops declined from previous years. Production of these crops totaled 518 thousand tons, 6 percent less than 1985. The crops were harvested from 88,300 acres and had a total value of $55.9 million. Compared to 1985, harvested acreage and total value declined 11 percent and 6 percent respectively. Despite the declines, Oregon ranked fourth in the country in acreage harvested, production and total value of processing vegetable crops. Snap bean, sweet corn and green pea production in 1986, at 495 thousand tons, was down 5 percent from 1985, and down 9 percent from 1984. These crops were valued at $52.4 million, 5 percent less than the previous year and 11 percent less than 1984. Sweet corn acreage and average prices fell in 1986, but average yield rose. Oregon average yield at 9.24 tons per acre was the highest in the nation. Snap bean acreage was down slightly in 1986. However, average prices held steady at $174 per ton and average yields were up. Green pea acreage, yield and price were down. In 1986 cucumber acreage, average yield and price were also below 1985 levels.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY VEGETABLE CROP, OREGON, 1986



VEGETABLE CROPS: Acreage, Production and Value, 1984-1986

Crop Year	Area Planted	Area Harvested	Yield	Production	Value Per Unit	Value
	Acres		Cwt.	1,000 Cwt.	$/Cwt.	1,000 Dollars
FRESH MARKET:						
Sweet Corn						
1984	2,000	1,900	130	247	16.30	4,026
1985	2,300	2,200	110	242	17.00	4,114
1986	2,400	2,300	120	276	18.60	5,134
Onions						
Malheur County						
1984	11,000	10,900	505	5,505	10.20	49,490
1985	9,900	9,600	550	5,280	6.20	23,572
1986	8,600	8,500	530	4,505	12.10	45,786
Other Oregon						
1984	3,300	3,200	400	1,280	9.65	9,264
1985	3,500	3,500	430	1,505	5.65	6,893
1986	3,300	3,200	450	1,440	13.40	16,616
DUAL PURPOSE:[1]						
Broccoli						
1984	2,100	2,000	88	176	20.10	3,532
1985	2,600	2,600	95	247	19.30	4,769
1986	3,000	3,000	100	300	19.00	5,689
Carrots						
1984	1,400	1,200	430	516	5.11	2,636
1985	1,200	1,100	480	528	5.50	2,904
1986	1,100	1,000	460	460	9.14	4,206
Cauliflower						
1984	3,500	3,400	195	663	12.30	8,188
1985	4,000	3,800	170	646	11.90	7,694
1986	4,000	3,900	130	507	13.60	6,909
	Acres		Tons	Tons	$/Ton	1,000 Dollars
PROCESSING:						
Snap Beans						
1984	24,600	23,900	5.37	128,340	176.00	22,588
1985	23,400	23,200	5.38	124,820	174.00	21,719
1986	22,500	22,300	6.22	138,710	174.00	24,136
Sweet Corn						
1984	42,500	42,000	8.70	365,400	71.10	25,980
1985	38,800	38,600	9.19	354,730	69.70	24,725
1986	35,900	34,900	9.24	322,480	66.60	21,477
Cucumbers						
1984	2,000	2,000	12.50	25,000	155.00	3,875
1985	2,100	2,100	12.15	25,520	170.00	4,338
1986	1,900	1,900	11.90	22,610	156.00	3,527
Green Peas						
1984	36,000	33,600	1.48	49,730	211.00	10,493
1985	37,100	35,400	1.22	43,190	204.00	8,811
1986	29,500	29,200	1.17	34,160	198.00	6,764
TOTAL:						
1984	128,400	124,100	—	987,820	—	140,072
1985	124,900	122,100	—	970,660	—	109,539
1986	112,200	110,200	—	892,360	—	140,244

[1] Includes fresh and processing.

MAJOR PROCESSING VEGETABLES AND ONIONS: Acreage and Production, by Counties, 1984-1986

Crop and County	1984		1985		1986	
	Harvested Acres	Production	Harvested Acres	Production	Harvested Acres	Production
	Acres	Tons	Acres	Tons	Acres	Tons
Sweet Corn, Processing						
Benton	3,400	29,500	2,500	22,950	2,300	19,950
Clackamas	1,850	15,700	1,500	14,250	1,460	13,350
Lane	3,100	25,950	2,850	24,800	2,080	16,400
Linn	3,000	25,100	3,250	30,600	3,300	30,900
Marion	19,350	171,950	16,670	153,100	15,000	138,200
Multnomah	300	2,800	1,100	10,000	1,040	9,300
Polk	2,000	16,350	1,500	13,950	1,400	12,600
Washington	1,850	17,000	2,600	25,250	2,590	24,100
Yamhill	3,450	28,900	3,100	28,850	2,730	25,250
Malheur	3,450	30,000	3,330	29,200	3,400	30,750
Other Counties	250	2,150	200	1,800	200	1,700
TOTAL	42,000	365,400	38,600	354,750	35,500	322,500
Snap Beans, Processing						
Benton	1,900	11,400	1,550	9,380	1,650	11,000
Clackamas	220	1,145	350	1,800	400	2,670
Lane	1,960	11,805	2,100	11,860	1,730	12,425
Linn	2,400	12,460	1,920	10,850	1,900	13,520
Marion	12,200	65,880	12,360	69,815	12,380	75,560
Polk	550	3,435	560	3,050	510	3,605
Washington	950	5,135	810	3,885	760	4,670
Yamhill	1,720	9,810	1,650	8,430	1,470	9,920
Umatilla	2,000	7,270	1,900	5,750	1,500	5,340
TOTAL	23,900	128,340	23,200	124,820	22,300	138,710
Green Peas, Processing						
Marion	3,925	7,420	4,300	10,680	3,070	6,370
Umatilla	27,930	38,540	28,550	26,020	23,520	21,860
Other Counties	1,745	3,770	2,550	6,490	2,610	5,930
TOTAL	33,600	49,730	35,400	43,190	29,200	34,160
	Acres	1,000 Cwt.	Acres	1,000 Cwt.	Acres	1,000 Cwt.
Onions, Dry						
Clackamas	80	33	120	54	140	61
Marion	1,800	697	2,000	800	1,800	726
Washington	360	129	350	126	350	140
Yamhill	100	41	270	108	250	100
Malheur	10,900	5,505	9,600	5,280	8,500	4,505
Umatilla	1,700	737	1,300	494	830	415
Other Counties	60	25	160	63	130	53
TOTAL	15,000	7,167	13,800	6,925	12,000	6,000

SNAP BEANS, Processing: Acreage, Yield, Production and Value, 1920-1986

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	Acres	Acres	Tons	Tons	$/Ton	1,000 Dollars
1920	—	200	2.60	500	58.96	29
1925	—	1,200	4.00	4,800	60.18	289
1930	880	880	3.50	3,100	60.00	186
1931	400	400	4.00	1,600	58.00	93
1932	200	200	5.00	1,000	50.00	50
1933	400	400	5.60	2,200	45.00	99
1934	900	900	4.80	4,300	47.00	202
1935	1,160	1,100	5.60	6,200	53.60	329
1936	1,340	1,340	5.70	7,600	56.60	430
1937	1,930	1,890	6.20	11,700	59.20	693
1938	2,650	2,600	5.30	13,800	48.80	673
1939	1,950	1,950	4.80	9,400	48.50	456
1940	2,300	2,210	6.80	15,000	51.10	766
1941	4,100	3,800	5.80	22,000	64.00	1,423
1942	4,100	4,000	5.30	21,200	103.70	2,198
1943	4,500	4,400	6.60	29,000	127.40	3,695
1944	4,600	4,500	6.20	27,900	130.40	3,638
1945	4,500	4,400	6.10	26,800	117.00	3,136
1946	4,900	4,800	6.00	28,800	124.10	3,574
1947	4,800	4,700	7.00	32,900	129.70	4,267
1948	5,400	4,900	7.00	34,300	131.70	4,517
1949	6,800	6,600	8.20	54,100	134.30	7,266
1950	6,700	6,600	8.10	53,500	125.70	6,725
1951	7,400	7,370	8.00	59,000	124.70	7,357
1952	6,600	6,550	7.90	51,700	121.50	6,403
1953	7,800	7,650	7.20	55,100	131.10	7,224
1954	9,700	9,400	7.60	71,400	133.10	9,503
1955	10,500	10,500	7.80	81,900	126.30	10,344
1956	10,700	10,600	7.30	77,400	128.20	9,923
1957	10,600	10,600	8.10	86,000	129.70	11,154
1958	10,700	10,700	8.30	88,800	124.10	11,020
1959	11,300	11,100	7.50	83,200	124.30	10,342
1960	12,000	11,700	7.10	83,100	125.00	10,388
1961	16,400	16,300	7.20	117,400	116.00	13,618
1962	16,400	16,300	6.90	112,500	119.00	13,388
1963	18,100	17,300	7.30	126,300	115.00	14,524
1964	19,300	19,200	5.80	111,400	117.00	13,034
1965	22,100	21,900	5.60	122,600	109.00	13,363
1966	25,000	24,700	5.30	130,900	112.00	14,661
1967	29,800	29,600	5.00	148,000	113.00	16,724
1968	30,600	29,000	5.30	153,700	108.00	16,600
1969	29,400	28,700	5.00	143,500	110.00	15,785
1970	28,100	27,700	4.77	132,150	104.00	13,744
1971	33,600	32,000	4.10	131,200	103.00	13,514
1972	35,900	35,000	3.71	129,900	111.00	14,419
1973	42,400	42,000	4.27	179,350	108.00	19,370
1974	44,800	43,600	4.20	183,200	207.00	37,922
1975	33,100	32,400	4.23	137,100	148.00	20,291
1976	29,900	29,300	4.65	136,250	133.00	18,121
1977	33,100	32,500	4.31	140,200	152.00	21,310
1978	36,000	35,600	4.27	152,100	142.00	21,570
1979	38,500	38,400	4.49	172,420	153.00	26,380
1980	32,100	31,100	5.16	160,480	155.00	24,874
1981	27,400	27,400	5.27	144,400	158.00	22,815
1982	26,300	25,700	5.19	133,380	169.00	22,541
1983	22,900	22,400	5.52	123,650	159.00	19,660
1984	24,600	23,900	5.37	128,340	176.00	22,588
1985	23,400	23,200	5.38	124,820	174.00	21,719
1986	22,500	22,300	6.22	138,710	174.00	24,136

SWEET CORN, Processing: Acreage, Yield, Production and Value, 1934-1986

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	Acres	Acres	Tons	Tons	$/Ton	1,000 Dollars
1934	1,500	1,480	1.50	2,200	15.70	35
1935	3,300	2,600	1.40	3,600	15.70	57
1936	3,100	2,880	1.70	4,900	16.40	80
1937	4,300	4,000	2.40	9,600	13.90	133
1938	2,400	2,250	2.40	5,400	13.70	74
1939	1,900	1,770	2.20	3,900	12.90	50
1940	1,500	1,500	3.30	5,000	13.90	70
1941	2,500	2,450	4.30	10,500	17.10	180
1942	3,400	3,100	2.80	8,700	18.80	164
1943	4,900	4,700	3.50	16,400	26.80	440
1944	5,000	4,800	3.20	15,400	27.80	428
1945	5,800	5,700	3.60	20,500	28.90	592
1946	10,300	9,700	2.80	27,200	32.40	881
1947	11,400	11,200	3.80	42,600	32.90	1,402
1948	11,600	10,900	3.80	41,400	31.40	1,300
1949	12,800	11,900	4.40	52,400	28.20	1,478
1950	9,500	9,100	3.70	33,700	27.80	937
1951	14,900	13,700	4.00	54,800	32.90	1,803
1952	16,000	15,500	4.50	69,800	32.80	2,289
1953	18,400	17,800	4.60	81,900	32.50	2,662
1954	14,900	13,500	4.50	60,800	25.90	1,575
1955	12,000	11,500	4.70	54,000	27.40	1,480
1956	17,500	17,000	5.20	88,400	27.80	2,458
1957	15,400	15,100	5.35	80,800	27.60	2,230
1958	15,600	15,400	5.00	77,000	24.90	1,917
1959	17,900	17,700	5.29	93,600	27.20	2,546
1960	21,900	21,500	4.95	106,400	23.90	2,543
1961	29,200	26,700	4.62	123,400	23.90	2,949
1962	27,200	26,800	5.56	149,000	25.70	3,829
1963	23,900	23,000	5.21	119,800	26.40	3,163
1964	25,100	24,800	5.79	143,600	25.00	3,590
1965	30,500	28,800	5.82	167,600	24.10	4,039
1966	34,500	33,400	6.74	225,100	24.90	5,605
1967	37,000	34,800	6.24	217,200	29.40	6,386
1968	43,400	41,600	7.00	291,200	29.90	8,707
1969	35,100	33,800	7.79	263,300	28.40	7,478
1970	30,200	29,500	7.08	208,850	27.50	5,743
1971	35,600	35,000	6.40	224,000	28.90	6,474
1972	39,500	39,200	7.01	274,800	29.90	8,217
1973	41,600	40,600	7.36	298,800	39.40	11,773
1974	42,100	41,400	7.23	299,400	73.70	22,066
1975	43,100	41,300	7.73	319,200	61.70	19,695
1976	40,700	39,900	7.84	312,750	57.30	17,921
1977	42,100	40,900	7.38	301,700	64.40	19,429
1978	40,400	40,200	7.96	320,000	58.60	18,740
1979	39,600	37,800	8.53	322,430	62.70	20,216
1980	34,100	33,700	8.68	292,520	62.30	18,224
1981	40,000	39,900	8.11	323,590	67.00	21,681
1982	46,500	45,500	9.01	409,960	70.50	28,902
1983	39,600	38,800	8.55	331,740	68.50	22,724
1984	42,500	42,000	8.70	365,400	71.10	25,980
1985	38,800	38,600	9.19	354,730	69.70	24,725
1986	35,900	34,900	9.24	322,480	66.60	21,477

GREEN PEAS, Processing: Acreage, Yield, Production and Value, 1934-1986

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	Acres	Acres	Tons	Tons	$/Ton	1,000 Dollars
1934	3,600	3,050	.90	2,740	53.00	145
1935	9,300	8,180	.88	7,160	54.50	390
1936	17,000	16,150	.80	12,840	51.50	661
1937	22,100	21,200	.73	15,480	55.30	856
1938	22,230	20,450	.85	17,280	50.70	876
1939	19,900	19,100	.96	18,340	47.90	878
1940	29,900	29,000	.71	20,590	43.80	902
1941	30,900	20,400	1.72	35,090	43.00	1,509
1942	42,500	21,200	1.90	40,280	54.30	2,187
1943	49,300	36,200	1.45	52,310	75.90	3,970
1944	52,400	48,400	.96	46,220	77.90	3,601
1945	56,800	44,300	.93	41,200	81.80	3,370
1946	61,000	58,400	.99	57,520	81.10	4,665
1947	62,600	57,200	1.02	58,340	83.20	4,854
1948	51,220	40,830	1.21	49,400	86.80	4,288
1949	48,500	47,600	.79	37,600	87.50	3,290
1950	55,750	52,260	1.06	55,400	75.50	4,183
1951	61,000	57,400	.95	54,530	88.80	4,842
1952	49,800	48,800	1.15	56,120	88.00	4,939
1953	56,900	46,400	1.19	54,980	91.00	5,003
1954	58,700	56,400	.77	43,150	85.10	3,672
1955	63,000	59,000	.66	38,640	87.10	3,366
1956	68,800	64,000	1.30	83,200	85.40	7,105
1957	67,300	63,900	1.12	71,250	86.20	6,142
1958	59,500	56,400	1.08	60,630	77.30	4,687
1959	60,400	55,900	1.26	70,150	85.70	6,012
1960	57,400	57,200	.90	51,480	82.40	4,242
1961	70,900	62,500	.89	55,310	81.20	4,491
1962	69,900	60,700	1.04	63,130	84.10	5,309
1963	60,600	59,600	1.08	64,370	89.00	5,729
1964	60,800	52,600	.93	48,900	85.50	4,181
1965	60,000	56,400	1.38	77,850	88.00	6,851
1966	56,000	47,800	.95	45,400	95.70	4,345
1967	59,100	55,600	.93	51,700	106.00	5,480
1968	60,400	48,400	.75	36,300	108.00	3,920
1969	52,300	47,300	1.23	58,200	101.00	5,878
1970	47,500	43,700	.97	42,400	99.90	4,236
1971	45,200	39,500	1.44	56,900	93.80	5,337
1972	45,600	44,800	1.22	54,650	98.00	5,356
1973	52,400	50,600	.74	37,450	119.00	4,457
1974	45,500	43,000	1.23	52,900	203.00	10,739
1975	52,200	49,100	1.12	55,000	205.00	11,275
1976	37,100	35,900	1.28	46,000	178.00	8,188
1977	32,200	27,700	.83	23,000	194.00	4,462
1978	37,800	36,900	1.23	45,400	150.00	6,810
1979	42,900	42,000	1.07	44,940	169.00	7,595
1980	34,800	32,600	1.66	54,120	173.00	9,363
1981	33,800	32,300	1.37	44,250	179.00	7,921
1982	33,800	33,700	1.09	36,730	202.00	7,419
1983	34,900	34,400	1.17	40,250	173.00	6,963
1984	36,000	33,600	1.48	49,730	211.00	10,493
1985	37,100	35,400	1.22	43,190	204.00	8,811
1986	29,500	29,200	1.17	34,160	198.00	6,764

Berries

All berry crops in Oregon in 1986 showed an increase in value of production over a year ago. All caneberries value of production totaled $32.7 million, 21 percent above a year earlier. Black raspberries and loganberries were up 83 and 58 percent respectively. Strawberries, Oregon's most valuable individual berry crop at $29.1 million, showed an increase in value of 86 percent over 1985. Production and price were both well above the previous year.

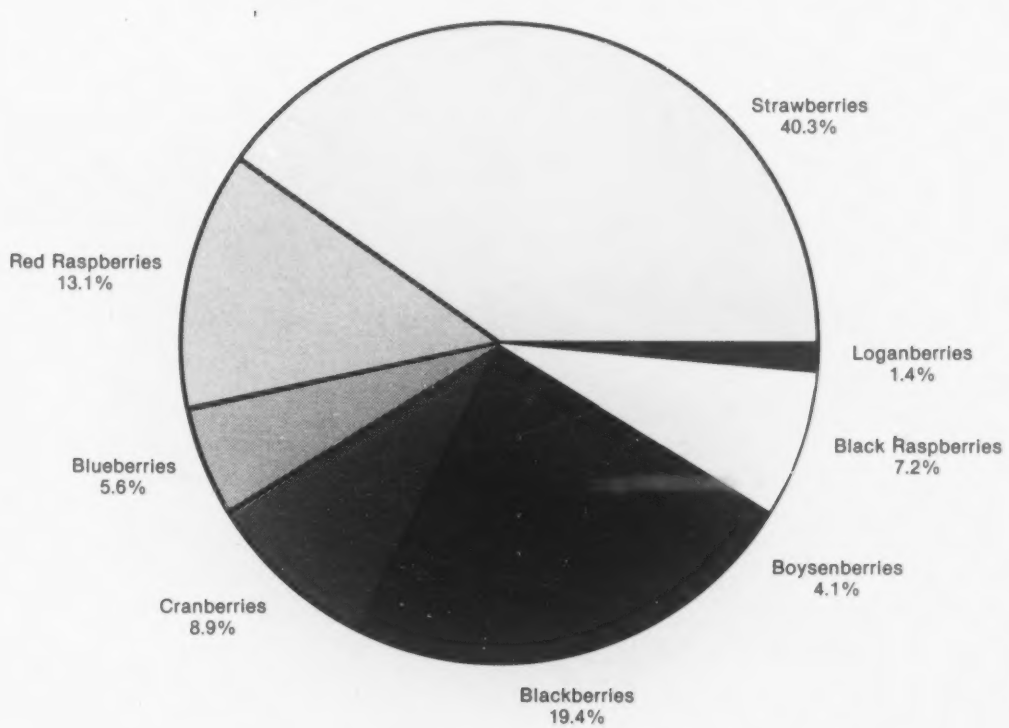
Acres harvested in 1986 increased for all berry crops except boysenberries and loganberries. Black raspberry acreage was up 15 percent over 1985.

Yields for 1986 were higher than the previous year for strawberries, black raspberries, boysenberries and loganberries. All other berries had yields lower than in 1985.

Prices improved for all crops in 1986 when compared to year earlier levels. Loganberries showed the sharpest price increase at 52 percent, followed by strawberries 47 percent. red raspberries 43 percent and black raspberries 32 percent. Blackberries and boysenberries showed only slight price improvements.

Of the state's berry production value, strawberries accounted for 40 percent of the total, moving up from the 31 percent a year earlier. Blackberries and red raspberries ranked second and third in value of production. Blueberries were not surveyed for the 1986 crop season.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY BERRY CROP, OREGON, 1986



BERRY CROPS: Acreage, Production, Value, and Disposition, 1984-1986

Crop and Year	Harvested	Yield Per Acre	Total Production	Utilized Production		Price			Value of Utilized Production
				Fresh	Processed	Fresh	Processed	All	
	Acres	Pounds	1,000 Pounds	1,000 Pounds			Cents/Lb.		1,000 Dollars
STRAWBERRIES									
1984	6,600	9,200	60,700	4,700	56,000	54.0	22.5	24.9	15,138
1985	6,800	7,400	50,300	4,300	46,000	53.0	29.0	31.1	15,619
1986	7,300	8,700	63,500	5,000	58,500	65.0	44.2	45.8	29,107
RED RASPBERRIES									
1984	2,700	5,480	14,800	800	14,000	65.0	53.0	53.6	7,940
1985	2,800	4,460	12,500	500	12,000	80.0	52.5	53.6	6,700
1986	3,100	4,000	12,400	300	12,100	82.0	76.5	76.6	9,503
BLACK RASPBERRIES									
1984	1,300	1,540	2,000	20	1,980	110.0	95.0	95.2	1,903
1985	1,350	1,560	2,100	20	2,080	157.0	136.2	136.2	2,860
1986	1,550	1,870	2,900	—	2,900	—	180.0	180.0	5,200
CULTIVATED BLACKBERRIES									
1984									
All	3,100	6,190	19,200	400	18,800	49.8	49.8	49.8	9,558
Evergreen	1,350	7,150	9,650	300	9,350	46.0	44.5	44.5	4,299
Marion	1,650	5,640	9,300	100	9,200	61.0	55.0	55.1	5,121
Other	100	2,500	250	—	250	—	55.0	55.0	138
1985									
All	3,400	7,060	24,000	200	23,800	60.5	57.8	57.8	13,873
Evergreen	1,400	8,360	11,700	100	11,600	56.0	52.0	52.0	6,088
Marion	1,900	6,370	12,100	100	12,000	65.0	63.0	63.0	7,625
Other	100	2,000	200	—	200	—	80.0	80.0	160
1986									
All	3,600	6,390	23,000	200	22,800	67.0	60.9	60.9	14,018
Evergreen	1,300	7,920	10,300	100	10,200	59.0	49.5	49.6	5,108
Marion	2,200	5,640	12,400	100	12,300	75.0	70.0	70.0	8,685
Other	100	3,000	300	—	300	—	75.0	75.0	225
BOYSENBERRIES									
1984	900	3,700	3,330	200	3,130	71.0	71.0	71.0	2,364
1985	900	4,000	3,600	100	3,500	82.0	79.0	79.1	2,847
1986	850	4,350	3,700	50	3,650	77.0	80.0	80.0	2,959
LOGANBERRIES									
1984	420	3,330	1,400	100	1,300	43.0	40.0	40.2	563
1985	330	3,790	1,250	50	1,200	51.0	49.5	49.6	620
1986	230	5,650	1,300	30	1,270	86.0	75.0	75.3	979
BLUEBERRIES									
1984	750	6,000	4,500	2,500	2,000	67.0	35.0	52.8	2,375
1985	800	6,500	5,200	2,900	2,300	57.5	52.5	55.3	2,876
1986	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CRANBERRIES									
1984	920	89.1	82,000	—	82,000	N/A	N/A	55.4	4,543
1985	1,100	90.9	100,000	100	99,900	N/A	N/A	55.5	5,550
1986	1,200	102.0	122,000	—	122,000	N/A	N/A	53.0	6,466
STATE TOTAL									
1984	16,690	—	187,930	—	—	—	—	—	44,384
1985	17,480	—	198,950	—	—	—	—	—	50,945
1986	17,830	—	228,800	—	—	—	—	—	68,252

BERRY CROPS: Acreage and Production, by Counties, 1984-1986

Commodity and County	Acreage			Production		
	1984	1985	1986	1984	1985	1986
	Acres			1,000 Pounds		
STRAWBERRIES						
Clackamas	640	700	750	5,534	4,819	6,138
Columbia	550	500	400	4,862	3,934	1,637
Lane	130	135	145	1,124	1,141	1,187
Linn	180	200	220	1,660	1,770	1,800
Marion	2,050	2,150	2,350	18,514	17,339	19,234
Multnomah	270	300	330	2,075	2,360	2,701
Washington	2,000	2,000	2,240	20,753	12,589	23,833
Yamhill	230	240	260	1,768	1,794	2,128
Other Counties	550	575	605	4,410	4,554	4,842
Total	6,600	6,800	7,300	60,700	50,300	63,500
RED RASPBERRIES						
Clackamas	1,340	1,400	1,530	7,221	6,029	6,050
Linn	200	200	220	1,202	979	870
Marion	120	160	180	647	783	712
Multnomah	750	720	780	4,042	3,171	3,084
Washington	130	145	160	781	667	759
Other Counties	160	175	230	907	871	925
Total	2,700	2,800	3,100	14,800	12,500	12,400
BLACK RASPBERRIES						
Clackamas	500	550	580	726	854	1,019
Lane	40	40	45	58	62	55
Linn	20	20	20	29	29	23
Marion	30	50	70	47	82	105
Multnomah	25	25	25	35	40	44
Polk	—	—	30	—	—	19
Washington	635	645	700	1,037	1,001	1,537
Yamhill	50	20	80	68	32	98
Total	1,300	1,350	1,550	2,000	2,100	2,900
BLACKBERRIES						
Benton	40	60	65	265	481	506
Clackamas	620	675	750	3,809	4,356	4,397
Lane	100	110	120	618	733	851
Linn	45	50	55	301	492	471
Marion	1,360	1,530	1,580	8,272	10,623	10,684
Multnomah	150	175	190	834	925	956
Polk	175	200	220	1,070	1,470	1,391
Washington	355	340	370	2,721	3,133	2,280
Yamhill	130	150	160	757	1,186	1,001
Other Counties	125	110	90	553	601	463
Total	3,100	3,400	3,600	19,200	24,000	23,000
BOYSEN AND YOUNGBERRIES						
Clackamas	N/A	N/A	N/A	534	501	525
Marion	N/A	N/A	N/A	1,491	1,482	1,907
Multnomah	N/A	N/A	N/A	137	332	242
Polk	N/A	N/A	N/A	162	161	182
Washington	N/A	N/A	N/A	457	485	378
Yamhill	N/A	N/A	N/A	366	431	283
Other Counties	N/A	N/A	N/A	183	208	183
Total	900	900	850	3,330	3,600	3,700
LOGANBERRIES						
Clackamas	N/A	N/A	N/A	297	238	248
Marion	N/A	N/A	N/A	1,011	856	953
Other Counties	N/A	N/A	N/A	92	156	99
Total	420	330	230	1,400	1,250	1,300

ALL STRAWBERRIES: Acreage, Yield, Production and Value, 1920-1986

Year	Acreage		Yield	Production	Season Average Price/Lb.	Value of Production
	Planted	Harvested				
	1,000 Acres		Pounds	1,000 Pounds	Cents Per Pound	1,000 Dollars
1920	—	3.0	2,590	7,704	18.30	1,412
1925	—	6.2	3,310	20,520	11.10	2,280
1930	—	11.2	2,160	24,192	9.30	2,251
1935	—	9.9	2,160	21,384	5.30	1,129
1936	—	10.9	3,030	32,976	5.40	1,786
1937	—	11.2	2,700	30,240	10.30	3,108
1938	—	12.4	2,700	33,480[1]	6.10	1,960
1939	—	11.3	2,740	30,956	5.50	1,698
1940	—	12.5	3,430	42,882[1]	5.10	2,092
1941	—	13.5	3,430	46,250	5.70	2,640
1942	—	11.9	2,930	34,844[1]	8.50	2,647
1943	—	7.5	1,900	14,262[1]	13.80	1,864
1944	—	5.3	2,930	15,524[1]	18.40	2,797
1945	—	6.0	2,580	15,494[1]	18.10	2,744
1946	7.5	7.5	3,420	25,618	27.80	7,116
1947	11.0	11.0	2,860	31,430[1]	17.80	5,288
1948	15.0	15.0	3,920	58,864[1]	20.20	11,605
1949	14.5	14.0	2,900	40,600[1]	14.80	5,835
1950	14.0	14.0	3,070	42,980	22.40	9,615
1951	15.7	14.5	2,220	32,190	17.20	5,521
1952	15.3	15.3	3,610	55,233	15.40	8,481
1953	15.5	15.5	4,020	62,310	16.60	10,356
1954	15.2	15.2	3,890	59,128	15.20	9,008
1955	17.5	17.5	4,770	83,475	15.90	13,265
1956	16.8	16.8	4,210	70,728	15.80	11,195
1957	18.5	18.3	5,000	91,500	8.60	7,905
1958	16.0	15.6	4,400	68,640	12.50	8,609
1959	15.6	15.6	5,700	88,920	13.60	12,064
1960	14.5	14.5	5,000	72,500	14.40	10,448
1961	13.0	13.0	5,200	67,600	12.80	8,641
1962	14.0	14.0	6,100	85,400	13.40	11,445
1963	14.0	14.0	4,950	69,300	12.60	8,766
1964	14.0	13.9	7,200	100,100	14.30	14,292
1965	14.0	11.5	5,200	59,800	16.00	9,583
1966	12.5	12.5	7,700	96,300	17.50	16,848
1967	13.2	13.2	6,900	91,100	14.20	12,932
1968	12.2	12.0	5,900	70,800	16.70	11,856
1969	12.4	12.0	5,800	69,600	17.20	11,994
1970	11.4	11.0	6,500	71,500	15.90	11,372
1971	10.0	10.0	8,300	83,000	15.10	12,512
1972	8.3	8.2	6,700	54,900	17.80	9,791
1973	7.7	7.4	6,600	48,800	23.90	11,680
1974	7.5	6.7	6,200	41,500	25.60	10,620
1975	6.0	5.8	7,200	41,800	23.00	9,610
1976	5.3	5.2	9,200	47,800	28.50	13,622
1977	5.4	5.3	6,600	35,000	28.50	9,979
1978	5.2	5.0	6,800	34,000	27.00	9,183
1979	5.3	5.2	8,200	42,600	33.70	14,370
1980	5.3	5.2	8,900	46,300	33.10	15,333
1981	5.6	5.5	9,300	51,200	35.40	18,126
1982	5.9	5.8	10,000	58,000	43.90	25,435
1983	7.0	6.9	11,500	79,400	39.00	30,988
1984	6.8	6.6	9,200	60,700	24.90	15,138
1985	7.0	6.8	7,400	50,300	31.10	15,619
1986	7.5	7.3	8,700	63,500	45.80	29,107

[1] Includes some quantities not marketed and excluded in computing value: 1,260,000 pounds in 1938; 1,800,000 pounds in 1940; 3,600,000 pounds in 1942; 720,000 pounds in 1943; 324,000 pounds in 1944; 360,000 pounds in 1945; 1,800,000 pounds in 1947; 1,440,000 pounds in 1948; 1,016,000 pounds in 1949.

COLD STORAGE HOLDINGS: Selected Items, Quarterly, United States, 1983-1986

Commodity	March 31	June 30	September 30	December 31
	1,000 Pounds			
BERRIES:				
Blackberries				
1983	10,469	8,131	17,139	11,745
1984	7,119	4,601	21,225	12,045
1985	8,440	4,992	17,770	13,201
1986	9,312	6,629	20,427	16,730
Blueberries				
1983	19,250	9,267	69,027	54,200
1984	42,984	33,841	68,817	52,867
1985	35,105	20,128	77,714	60,397
1986	37,897	20,367	68,264	49,568
Boysenberries				
1983	2,932	2,333	3,481	2,278
1984	1,056	2,630	3,376	2,089
1985	2,063	3,119	3,358	2,191
1986	2,750	3,190	3,932	2,829
Raspberries, Red				
1983	16,158	18,798	31,563	23,135
1984	13,619	9,555	37,999	29,184
1985	18,573	10,670	33,998	24,468
1986	15,783	12,412	37,536	27,159
Strawberries				
1983	91,407	225,133	220,705	176,572
1984	137,629	213,656	229,485	165,960
1985	119,488	252,193	231,962	167,056
1986	110,216	233,489	198,831	146,616
VEGETABLES:				
Green Beans, Regular				
1983	99,209	62,514	214,052	163,304
1984	94,255	61,521	194,437	142,259
1985	82,588	52,706	187,581	129,979
1986	78,947	52,046	181,229	138,978
Green Beans, French				
1983	34,072	23,855	64,318	48,701
1984	30,566	19,997	65,709	47,500
1985	28,805	22,471	62,101	41,905
1986	29,685	19,104	56,575	43,635
Sweet Corn, Cut				
1983	184,399	111,943	368,006	291,183
1984	168,062	86,820	293,626	231,864
1985	141,083	74,514	282,432	228,342
1986	128,885	64,575	298,607	236,525
Sweet Corn, Cob				
1983	198,910	118,763	252,003	251,433
1984	173,087	77,536	263,884	242,862
1985	160,358	68,539	292,459	282,261
1986	187,902	97,996	267,208	254,231
Green Peas				
1983	138,746	156,855	333,368	229,015
1984	118,599	126,417	364,715	252,861
1985	145,141	228,352	431,648	314,974
1986	208,615	227,592	355,786	249,865
French Fries				
1983	760,898	841,409	509,523	629,431
1984	674,070	671,720	487,128	713,511
1985	822,264	884,232	699,516	861,417
1986	877,974	930,717	630,973	729,394
Other Frozen Potatoes				
1983	150,991	173,864	127,644	143,531
1984	153,509	168,718	148,204	178,776
1985	181,026	174,207	161,931	150,892
1986	139,279	166,137	140,259	164,658

Livestock

Production of all livestock, dairy and poultry products in Oregon was valued at $552 million in 1986. This was the lowest total value of production for livestock since 1978. The decline of nearly $6 million in value from 1985 was due mostly to a $11 million decline in value of cattle production. This and other declines (milk, turkeys and farm chickens) were lessened by increases in eggs, hogs and pigs, broilers, sheep and lambs and wool. Approximately 34 cents of every dollar of Oregon farm income is from the sales of livestock and livestock products.

Cattle and calves amounted to 46.0 percent of the dollars generated from all livestock products in the state. Cattle raising is the largest generator of livestock value in Oregon. Production in 1986 as measured in pounds was 2 percent less than a year earlier. Value of production was down over 4 percent as the average price for cattle was off one dollar per pound from the 1985 average. However, cash receipts climbed back, up 6.8 percent, as the number marketed increased over 9 percent in 1986.

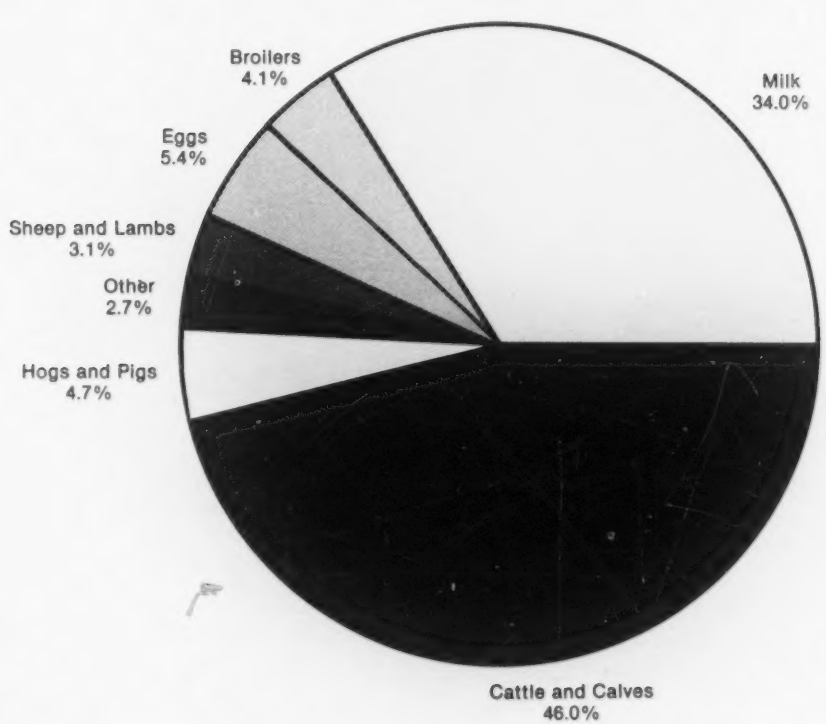
Oregon's dairy industry maintained its place in value of production for 1986, again accounting for over one third of the livestock total. For 1986 the value of milk production was nearly $188 million, slipping slightly from 1985 and down by one percent. Average price was down for both milk and milkfat. The milk price fell from $13.15 per hundredweight to $12.76 for 1986. Cash receipts slipped to $183 million, also down 1 percent from 1985.

Almost twelve cents of every dollar of Oregon's livestock value of production is due to poultry products. In 1986 the value of production of eggs and broilers increased while the value of turkeys and farm chickens declined. Egg production value bounced back to $29.7 million after the sharp decline of 1985. Eggs produced increased over 1 percent while the price per dozen jumped from 50.9 cents to 54.1 cents average for 1986. Broiler value of production increased 6 percent for 1986 due to a 10 percent increase in numbers, negating a one cent decline in price per pound. This was the fourth largest broiler value on record for Oregon. Turkey production was again strong, up 16 percent, while value of production moderated at $11.7 million due to price declining 9 cents to 41 cents per pound.

Hogs and pigs production value enjoyed a healthy rebound in 1986, up nearly 10 percent as number marketed and prices increased over the 1984 totals. Prices averaged $50.00 per hundredweight, the highest since 1982.

Sheep and lamb value of production reached a new record at $17,048,000, continuing the upward value trend since 1982. A slight increase in lamb prices helped the push in value. Wool production value bounced back from last year's low to total $1,723,000, up 7 percent. The increase resulted from a 6 cent per pound increase in wool price average.

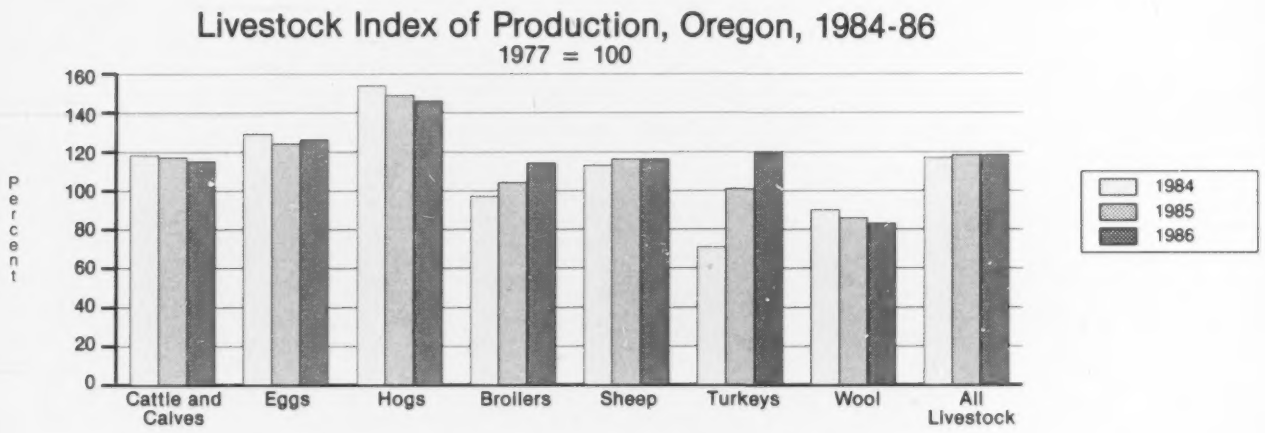
VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY LIVESTOCK GROUPS, OREGON, 1986



VALUE OF PRODUCTION: Livestock, Dairy and Poultry, 1984-1986[1]

Species	Value			Percent of Total		
	1984	1985	1986	1984	1985	1986
	1,000 Dollars			Percent		
Cattle and Calves	277,498	264,983	253,925	48.6	47.5	46.0
Milk	185,648	189,136	187,647	32.5	33.9	34.0
Eggs	35,765	27,528	29,710	6.3	4.9	5.4
Hogs and Pigs	25,785	23,619	25,954	4.5	4.2	4.7
Broilers	21,105	21,384	22,752	3.7	3.8	4.1
Sheep and Lambs	14,506	16,962	17,048	2.6	3.1	3.1
Turkeys	7,484	12,090	11,701	1.3	2.2	2.1
Wool	2,232	1,608	1,723	.4	.3	.3
Honey	—	—	1,522	—	—	.2
Farm Chickens	555	738	480	.1	.1	.1
TOTAL	570,578	558,048	552,462	100.0	100.0	100.0

[1] Value of production including value of home consumption



LIVESTOCK VALUE: Average Value Per Head and Total, On Farms, January 1, 1984-1987

Year	Value Per Head				Total Value			
	All Cattle	All Sheep & Lambs	All Hogs[1]	All[1 2] Chickens	All Cattle	All Sheep & Lambs	All Hogs[1]	All[1 2] Chickens
	Dollars				1,000 Dollars			
1984	400.00	52.50	74.00	2.10	684,000	25,988	8,140	6,720
1985	410.00	59.00	79.50	2.30	676,500	26,255	8,745	8,016
1986	390.00	62.00	78.50	1.90	614,250	26,660	9,813	6,232
1987	420.00	69.00	93.00	1.90	588,000	28,635	10,695	6,394

[1] December 1 preceding year
[2] Excludes commercial broilers

CATTLE AND CALVES: Inventory, Calf Crop and Value, 1870-1987

Year	All Cattle & Calves January 1	All Cows & Heifers That Have Calved[1]		Calf Crop	Value	
		Beef Cows January 1	Milk Cows January 1		Average Per Head	Total
	1,000 Head				Dollars	1,000 Dollars
1870	373	—	42	—	23.10	8,626
1875	465	—	46	—	15.30	7,111
1880	631	—	50	—	11.90	7,508
1885	603	—	69	—	27.10	16,350
1890	587	—	98	—	18.90	11,086
1895	605	—	113	—	13.50	8,184
1900	628	—	115	—	24.80	15,569
1905	846	—	130	—	16.70	14,113
1910	677	—	160	—	23.50	15,900
1915	779	—	180	—	42.60	33,174
1920	891	218	200	—	52.30	46,599
1925	796	203	217	315	34.40	27,382
1930	757	161	229	294	54.70	41,408
1935	928	212	275	351	23.50	21,840
1940	937	208	262	385	37.60	35,231
1941	984	232	265	447	42.50	41,848
1942	1,073	269	276	469	54.90	58,937
1943	1,148	300	290	460	62.30	71,472
1944	1,194	310	284	469	61.80	73,737
1945	1,158	322	284	436	63.20	73,186
1950	1,085	328	233	449	110.00	119,350
1951	1,096	347	228	477	163.00	178,648
1952	1,238	404	226	510	185.00	229,030
1953	1,374	431	228	587	122.00	167,628
1954	1,443	486	233	611	93.00	134,199
1955	1,486	495	233	619	91.00	135,226
1956	1,427	495	214	603	83.00	118,441
1957	1,327	472	201	586	86.00	114,122
1958	1,327	475	191	579	116.00	153,932
1959	1,393	519	183	618	149.00	207,557
1960	1,421	553	181	624	128.00	181,888
1961	1,435	555	177	630	130.00	186,550
1962	1,435	572	170	668	131.00	187,985
1963	1,492	610	163	688	135.00	201,420
1964	1,611	663	150	724	124.00	199,764
1965	1,659	693	142	735	102.00	169,218
1966	1,626	680	133	724	128.00	208,128
1967	1,593	664	124	709	150.00	238,950
1968	1,577	671	116	700	142.00	223,934
1969	1,530	654	111	696	152.00	232,560
1970	1,514	652	107	692	175.00	264,950
1971	1,529	645	96	699	185.00	282,865
1972	1,529	647	94	699	200.00	305,800
1973	1,514	669	94	730	265.00	401,210
1974	1,560	698	92	740	295.00	460,200
1975	1,650	709	91	665	165.00	272,250
1976	1,500	638	92	650	195.00	292,500
1977	1,520	627	93	650	200.00	304,000
1978	1,490	622	93	630	230.00	342,700
1979	1,540	632	93	636	405.00	623,700
1980	1,575	681	94	705	485.00	763,875
1981	1,750	729	96	750	460.00	805,000
1982	1,800	730	97	720	400.00	720,000
1983	1,650	670	100	710	395.00	651,750
1984	1,710	709	101	700	400.00	684,000
1985	1,650	639	96	650	410.00	676,500
1986	1,575	598	102	610	390.00	614,250
1987	1,400	568	92	—	420.00	588,000

[1] Prior to January 1, 1974 this category was defined as cows and heifers 2 years old and older.

CATTLE AND CALVES: Inventory by Classes and Weight, January 1, 1983-1987

Year	All Cattle and Calves	All Cows and Heifers that have Calved			Heifers 500 Lbs. and Over				Steers 500 Lbs. and Over	Bulls 500 Lbs. and Over	Steers, Heifers and Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Total	Beef Cow Replacements	Milk Cow Replacements	Other			
	1,000 Head										
1983	1,650	770	670	100	240	124	41	75	175	45	420
1984	1,710	810	709	101	270	150	45	75	170	45	415
1985	1,650	735	639	96	280	115	55	110	205	40	390
1986	1,575	700	598	102	274	100	57	117	190	36	375
1987	1,400	660	568	92	224	91	49	84	155	34	327

CATTLE AND CALVES: Inventory and Disposition, 1982-1986

Year	Inventory Beginning of Year	Calf Crop	Inshipments	Marketings[1]		Farm Slaughter Cattle and Calves[2]	Deaths		Inventory End of Year
				Cattle	Calves		Cattle	Calves	
	1,000 Head								
1982	1,800	720	100	560	288	30	32	60	1,650
1983	1,650	710	100	406	205	39	35	65	1,710
1984	1,710	700	100	481	231	38	40	70	1,650
1985	1,650	650	90	505	185	30	30	65	1,575
1986	1,575	610	70	532	201	30	32	60	1,400

[1] Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.
[2] Excludes custom slaughter for farmers at commercial establishments.

CATTLE AND CALVES: Production and Income, 1982-1986

Year	Production[1]	Marketings[2]	Average Price Per 100 Lbs.		Value of Production	Cash Receipts[3]	Value of Home Consumption	Gross Income
			Cattle	Calves				
	1,000 Lbs.		Dollars		1,000 Dollars		1,000 Dollars	
1982	572,330	724,595	47.50	56.10	280,281	353,560	18,645	372,205
1983	564,250	532,740	46.90	57.90	273,461	258,560	23,027	281,587
1984	554,635	627,180	48.70	57.20	277,498	313,355	21,284	334,639
1985	551,285	633,120	46.50	59.10	264,983	303,394	21,704	325,098
1986	540,680	690,930	45.50	57.90	253,925	324,044	16,519	340,563

[1] Adjustments made for changes in inventory and for inshipments.
[2] Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
[3] Receipts from marketings and sale of farm slaughter.

MILK COWS AND MILK PRODUCTION: 1925-1986

Year	Number of Milk Cows On Farms[1]	Production of Milk and Milkfat[2]				
		Per Milk Cow		Percentage of Fat In All Milk Production	Total	
		Milk	Milkfat		Milk	Milkfat
	1,000 Head	Pounds		Percent	Million Pounds	
1925	212	4,940	212	4.30	1,047	45
1930	230	5,500	236	4.30	1,265	54
1935	255	5,210	229	4.40	1,329	58
1936	255	5,420	238	4.40	1,333	59
1937	247	5,410	238	4.40	1,336	59
1938	250	5,400	238	4.40	1,350	59
1939	248	5,500	248	4.50	1,364	61
1940	248	5,620	253	4.50	1,394	63
1941	250	5,710	257	4.50	1,428	64
1942	255	5,670	255	4.50	1,446	65
1943	258	5,470	246	4.50	1,411	63
1944	255	5,520	248	4.50	1,408	63
1945	244	5,550	250	4.50	1,354	61
1946	228	5,630	253	4.50	1,284	58
1947	221	5,860	264	4.50	1,295	58
1948	214	5,760	259	4.50	1,233	55
1949	215	5,800	261	4.50	1,247	56
1950	211	5,940	267	4.50	1,253	56
1951	201	5,950	268	4.50	1,196	54
1952	201	5,850	263	4.50	1,176	53
1953	203	5,980	266	4.45	1,214	54
1954	205	6,040	269	4.45	1,238	55
1955	198	6,100	268	4.40	1,208	53
1956	185	6,300	274	4.35	1,166	51
1957	176	6,450	281	4.35	1,135	49
1958	168	6,700	288	4.30	1,126	48
1959	164	6,770	288	4.25	1,110	47
1960	162	6,980	297	4.25	1,131	48
1961	157	7,010	294	4.20	1,101	46
1962	153	7,300	303	4.15	1,117	46
1963	141	7,380	306	4.15	1,041	43
1964	134	7,540	313	4.15	1,010	42
1965	127	7,720	317	4.10	980	40
1966	122	8,020	329	4.10	978	40
1967	112	8,348	339	4.06	935	38
1968	105	9,190	372	4.05	965	39
1969	101	9,277	373	4.02	937	38
1970	97	10,000	397	3.97	970	39
1971	95	10,611	426	4.01	1,008	40
1972	94	10,691	421	3.94	1,005	40
1973	93	10,839	425	3.92	1,008	40
1974	91	11,033	429	3.89	1,004	39
1975	91	10,879	424	3.90	990	39
1976	92	11,130	432	3.88	1,024	40
1977	93	11,312	432	3.82	1,052	40
1978	93	11,452	439	3.83	1,065	41
1979	94	11,734	442	3.77	1,103	42
1980	95	12,305	466	3.79	1,169	44
1981	97	12,577	470	3.74	1,220	46
1982	99	13,141	494	3.76	1,301	49
1983	101	13,495	506	3.75	1,363	51
1984	98	13,653	512	3.75	1,338	50
1985	100	14,380	548	3.81	1,438	55
1986	99	14,859	560	3.77	1,471	56

[1] Average number during year, excluding heifers not yet fresh.
[2] Excludes milk sucked by calves.

MILK COWS AND MILK PRODUCTION: By Months and Annual, 1984-1986

Month and Annual	Milk Cows on Farms[1]			Milk Per Cow[2]			Milk Production[2]		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
	1,000 Head			Pounds			Million Pounds		
January	101	96	102	1,050	1,110	1,176	106	107	120
February	99	96	102	1,010	1,030	1,078	100	99	110
March	98	97	102	1,120	1,180	1,235	110	114	126
April	98	99		1,160	1,210		114	120	
May	98	100	103[3]	1,240	1,320	3,816[3]	122	132	393[3]
June	98	101		1,210	1,280		119	129	
July	97	102		1,240	1,300		120	133	
August	97	102	98[3]	1,220	1,270	3,847[3]	118	130	377[3]
September	96	102		1,150	1,200		110	122	
October	96	102		1,150	1,200		110	122	
November	96	102	93[3]	1,080	1,120	3,710[3]	104	114	345[3]
December	96	102		1,090	1,140		105	116	
Annual	98	100	99	13,653	14,380	14,859	1,338	1,438	1,471

[1] Excludes heifers not yet fresh.
[2] Excludes milk sucked by calves.
[3] Quarterly estimates were made for April-December 1986.

MILK DISPOSITION: 1982-86

Year	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves[1]	Used for Milk, Cream & Butter	Total	Sold to Plants and Dealers[2]	Sold Directly to Consumers[3]	Total
	Million Pounds					
1982	27	13	40	1,205	56	1,261
1983	29	13	42	1,250	71	1,321
1984	32	13	45	1,235	58	1,293
1985	23	9	32	1,345	61	1,406
1986	25	10	35	1,376	60	1,436

[1] Excludes milk sucked by calves.
[2] Includes milk produced by dealers own herds.
[3] Sales directly to consumer by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

DAIRY PRODUCTS: Marketings, Income and Value, 1982-1986

Year	Milk and Cream Sold				Used Where Produced for Milk, Cream & Butter		Gross Income[3]	Value of Production[4]
	Milk Utilized	Average Returns[1] Per 100 Pounds Milk	Average Returns[1] Per Pound Milkfat	Cash Receipts	Milk Util.	Value[2]		
	Million Pounds	Dollars		1,000 Dollars	Million Pounds		1,000 Dollars	
1982	1,261	14.16	3.77	178,532	13	1,841	180,372	184,195
1983	1,321	14.23	3.79	188,021	13	1,850	189,871	193,955
1984	1,293	13.88	3.70	179,404	13	1,804	181,208	185,648
1985	1,406	13.15	3.45	184,927	9	1,184	186,111	189,136
1986	1,436	12.76	3.38	183,182	10	1,276	184,458	187,647

[1] Cash receipts divided by milk or milkfat.
[2] Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
[3] Cash receipts from marketing of milk and cream plus value of milk used for home consumption and producer-churned butter.
[4] Includes value of milk fed to calves.

MANUFACTURED DAIRY PRODUCTS: Monthly and Annual, 1985-1986

Month	Butter		Cottage Cheese				Total Cheese[1]	
			Curd		Creamed			
	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 Pounds							
January	1,435	1,053	714	781	1,094	1,146	2,390	2,271
February	1,353	1,280	749	713	1,062	1,044	2,131	2,034
March	1,392	990	783	762	1,094	1,076	2,501	2,565
April	1,430	999	768	683	1,151	1,027	2,692	2,616
May	1,506	1,094	795	772	1,065	1,144	3,071	2,647
June	1,353	915	747	738	1,128	1,112	2,944	2,467
July	1,172	936	797	766	1,250	1,018	3,028	2,424
August	1,240	884	788	780	1,196	1,163	2,822	2,241
September	1,281	1,108	704	725	1,003	1,073	2,591	1,764
October	1,335	1,272	735	742	1,063	1,114	2,486	1,727
November	1,018	1,133	701	619	1,008	900	2,225	1,798
December	985	1,222	641	679	916	1,001	2,352	2,258
Annual	15,500	12,886	8,922	8,760	13,030	12,818	31,233	26,812
Reporting Plants	9	10	13	13	13	13	5	5

[1] Excluding Cottage Cheese.

MANUFACTURED DAIRY PRODUCTS: Monthly and Annual, 1985-1986

Month	Ice Cream Mix		Ice Cream[1]		Ice Milk Mix[2]		Ice Milk[3]		Milk Sherbet	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
	1,000 Gallons									
January	218	280	518	589	226	208	354	322	22	21
February	257	282	521	740	199	248	306	368	15	19
March	297	359	615	745	249	286	380	429	30	26
April	341	360	792	774	277	269	420	409	29	19
May	331	285	716	772	351	284	535	425	25	19
June	456	398	889	762	335	284	509	432	33	25
July	633	480	1,246	918	365	286	554	437	51	38
August	552	407	1,157	833	331	297	499	445	52	25
September	294	357	639	675	237	232	359	359	30	19
October	258	249	547	582	212	212	322	315	25	16
November	256	248	605	436	166	157	251	239	22	32
December	330	315	620	603	166	166	255	261	33	57
Annual	4,223	4,020	3,865	8,429	3,114	2,929	4,744	4,441	367	316
Reporting Plants	13	13	*	*	15	14	*	*	*	*

[1] Ice cream must contain 10 percent or more butterfat.
[2] Includes milkshake mix.
[3] Includes substandard ice cream.
* Not published.

HOGS AND PIGS: Inventory By Classes, January 1, 1870-1963

Year	All Hogs and Pigs	Average Value per Head	Sows and Gilts 6 Months and Older[1]
	1,000 Head	Dollars	1,000 Head
1870	131	3.00	—
1875	159	3.75	N/A
1880	171	2.60	N/A
1885	164	3.75	N/A
1890	204	4.25	N/A
1895	260	4.00	N/A
1900	250	5.00	N/A
1905	238	6.10	N/A
1910	213	8.20	N/A
1915	330	9.50	N/A
1920	267	18.10	38
1925	223	10.20	34
1930	195	11.70	27
1935	176	6.30	27
1940	301	7.90	45
1945	212	17.40	28
1950	166	24.90	23
1951	141	31.50	22
1952	180	27.30	25
1953	135	20.40	17
1954	94	32.10	18
1955	127	27.90	22
1956	157	17.60	20
1957	135	23.20	19
1958	135	24.20	19
1959	177	24.90	24
1960	184	16.80	18
1961	177	23.30	19
1962	168	24.50	18
1963	151	23.80	16

[1] Excludes boars.

HOGS AND PIGS: Inventory By Classes, December 1, 1963-1986

Year	All Hogs and Pigs	Average Value Per Head	Breeding Total	Market				
				Under 60 Pounds	60-119 Pounds	120-179 Pounds	180 Pounds and Over	Total
	1,000 Head	Dollars				1,000 Head		
1963	142	19.00	18	57	33	22	10	124
1964	121	20.60	16	41	28	22	12	105
1965	108	35.70	15	37	23	20	11	93
1966	125	30.50	17	40	30	25	11	108
1967	116	26.00	16	37	30	20	11	100
1968	112	27.30	16	34	27	23	9	96
1969	108	33.30	15	33	30	19	10	93
1970	117	24.50	16	39	30	19	12	101
1971	116	25.00	15	37	30	20	12	101
1972	113	36.00	15	35	27	20	13	98
1973	101	53.00	14	32	24	17	11	87
1974	95	45.00	13	32	21	16	11	82
1975	95	68.50	15	34	19	14	10	80
1976	95	50.00	15	33	20	14	10	80
1977	100	57.50	16	33	21	15	12	84
1978	110	72.00	18	37	25	17	13	92
1979	120	60.00	16	41	26	20	17	104
1980	120	71.00	14	38	25	23	20	106
1981	100	67.00	14	27	26	20	13	86
1982	110	77.50	15	38	24	19	14	95
1983	110	74.00	15	29	28	22	16	95
1984	110	79.50	16	24	26	22	22	94
1985	125	78.50	18	28	29	24	26	107
1986	115	93.00	16	27	25	23	24	99

PIG CROP: Sows Farrowing, Pigs Per Litter, Pig Crop, December - May and June - November, 1977-1986

Year	Sows Farrowing		Pigs Per Litter		Pig Crop	
	December-May[1]	June-November	December-May[1]	June-November	December-May[1]	June-November
	1,000 Head					
1977	11.0	12.0	7.2	7.5	79	90
1978	10.0	12.0	7.2	7.7	72	92
1979	10.7	13.0	7.9	7.8	85	101
1980	13.0	14.0	8.2	8.4	107	118
1981	11.0	11.0	7.6	8.0	84	88
1982	13.0	14.0	8.0	7.5	104	105
1983	14.0	14.0	7.3	7.8	102	109
1984	14.0	14.0	8.3	7.7	116	108
1985	14.0	16.0	7.8	7.6	109	122
1986	14.0	15.0	7.3	8.0	102	120

[1]December preceding year.

HOGS AND PIGS: Inventory and Disposition, 1977-1986

Year	Inventory December 1 Previous Year	Annual Pig Crop	Inshipments	Marketing[1]	Farm Slaughter[2]	Deaths	Inventory December 1
	1,000 Head						
1977	95	169	1	149	6	10	100
1978	100	164	1	141	5	9	110
1979	110	186	1	160	7	10	120
1980	120	225	1	206	9	11	120
1981	120	172	1	179	7	7	100
1982	100	209	1	189	6	5	110
1983	110	211	0	202	5	4	110
1984	110	224	0	210	7	7	110
1985	110	231	0	199	9	8	125
1986	125	222	0	218	5	9	115

[1] Includes custom slaughter for use on farms where produced and state outshipments but excludes interfarm sales within the state.
[2] Excludes custom slaughter for farmers at commercial establishments.

HOGS AND PIGS: Production and Income, 1977-1986

Year	Production[1]	Marketings[2]	Price Per 100 Pounds	Value of Production	Cash Receipts[3]	Value Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars			
1977	34,885	31,130	38.10	13,291	11,878	1,080	12,958
1978	31,550	28,120	46.30	14,607	13,044	1,146	14,190
1979	41,241	36,945	42.80	17,652	15,828	1,483	17,311
1980	48,314	43,750	36.30	17,538	15,901	1,617	17,518
1981	39,609	39,488	44.20	17,495	17,454	1,044	18,498
1982	45,326	42,075	53.70	24,320	22,594	1,450	24,044
1983	49,991	46,999	49.10	24,547	23,077	1,050	24,127
1984	53,718	49,683	48.00	25,785	23,848	1,331	25,179
1985	52,025	46,666	45.40	23,619	21,186	1,438	22,624
1986	51,092	51,048	50.80	25,954	25,932	836	26,770

[1] Adjustments made for changes in inventory and for inshipments.
[2] Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
[3] Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: Inventory, Lamb Crop and Value, 1870-1987

Year	All Sheep Inventory January 1	Stock Sheep Inventory January 1	Breeding Ewes On Hand January 1	Lamb Crop	All Sheep		Stock Sheep	
					Average Value Per Head	Total Value	Average Value Per Head	Total Value
	1,000 Head			1,000 Head	Dollars	1,000 Dollars	Dollars	1,000 Dollars
1870	—	467	—	—	—	—	1.90	887
1875	—	770	—	—	—	—	2.60	2,002
1880	—	1,504	—	—	—	—	1.45	2,181
1885	—	1,751	—	—	—	—	1.60	2,802
1890	—	1,910	—	—	—	—	1.90	3,629
1895	—	2,220	—	—	—	—	1.15	2,553
1900	—	2,179	—	—	—	—	2.65	5,774
1905	—	2,378	—	—	—	—	2.30	5,469
1910	—	2,717	—	—	—	—	3.70	10,053
1915	—	2,083	—	—	—	—	4.50	9,374
1920	2,250	2,225	1,580	—	—	24,035	10.70	23,823
1925	2,039	1,989	1,500	1,245	—	21,206	10.50	20,806
1930	2,585	2,530	1,961	1,765	—	265	9.00	22,825
1935	2,375	2,300	1,725	1,449	—	11,044	4.70	10,810
1940	1,675	1,610	1,320	1,228	—	11,499	6.90	11,109
1941	1,696	1,626	1,307	1,294	—	12,766	7.60	12,297
1942	1,637	1,577	1,216	1,070	—	15,596	9.60	15,098
1943	1,457	1,419	1,131	905	—	14,267	9.80	13,925
1944	1,227	1,192	1,007	896	—	11,256	9.20	10,958
1945	1,075	1,037	886	789	—	8,930	8.30	8,607
1950	689	671	566	532	—	12,518	18.20	12,212
1951	672	657	560	554	—	19,443	29.00	19,053
1952	743	723	577	577	—	24,439	33.00	23,859
1953	763	745	623	617	—	14,926	19.60	14,602
1954	811	790	660	667	—	13,371	16.50	13,035
1955	847	822	693	693	—	14,703	17.40	14,303
1956	852	822	700	686	—	13,019	15.40	12,659
1957	865	830	700	693	—	14,172	16.40	13,612
1958	890	847	714	707	—	18,689	21.10	17,872
1959	935	881	728	721	—	19,845	21.30	18,765
1960	916	863	699	685	—	16,608	18.20	15,707
1961	906	846	699	692	—	14,834	16.40	13,874
1962	842	778	636	630	—	11,257	13.40	10,425
1963	777	724	591	603	—	11,945	15.40	11,150
1964	740	673	550	550	—	10,831	14.60	9,826
1965	690	626	512	502	—	11,480	16.60	10,392
1966	648	582	466	470	—	12,785	19.70	11,465
1967	596	524	425	434	—	12,988	21.90	11,476
1968	566	498	408	412	—	12,452	22.00	10,956
1969	569	483	396	376	—	14,128	24.80	11,978
1970	541	460	369	373	—	14,107	26.00	11,960
1971	492	430	349	366	27.00	13,284	27.00	11,610
1972	525	426	345	362	27.00	14,175	27.00	11,502
1973	474	385	315	350	28.00	13,272	28.00	10,780
1974	515	395	325	358	32.00	16,480	32.00	12,640
1975	440	370	302	329	26.00	11,440	26.00	9,620
1976	420	330	268	319	39.00	16,380	—	—
1977	395	310	247	279	41.00	16,195	—	—
1978	425	325	262	290	49.00	20,886	—	—
1979	490	380	282	300	73.50	36,124	—	—
1980	495	385	280	305	71.50	35,393	—	—
1981	520	420	310	360	65.50	34,060	—	—
1982	540	440	350	380	53.50	28,890	—	—
1983	530	400	322	333	49.50	26,235	—	—
1984	495	350	292	315	52.50	25,988	—	—
1985	445	345	285	320	59.00	26,255	—	—
1986	430	325	275	290	62.00	26,660	—	—
1987	415	320	255	—	69.00	28,635	—	—

SHEEP AND LAMBS: Inventory By Classes, January 1, 1983-1987

Year	All Sheep and Lambs	Sheep & Lambs on Feed	All Stock Sheep	Lambs		Sheep One Year and Over	
				Ewes	Wethers & Rams	Ewes	Wethers & Rams
	1,000 Head						
1983	530	130	400	52	12	322	14
1984	495	145	350	36	10	292	12
1985	445	100	345	35	13	285	12
1986	430	105	325	33	6	275	11
1987	415	95	320	44	10	255	11

SHEEP AND LAMBS: Inventory and Disposition, 1982-1986

Year	Inventory Beginning of Year	Lamb Crop	Inship-ments	Marketings		Farm[1] Slaughter	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head								
1982	540	380	15	77	246	10	40	45	530
1983	530	333	0	51	222	5	45	45	495
1984	495	315	0	20	269	5	33	38	445
1985	445	320	0	29	233	3	30	40	430
1986	430	290	0	39	215	4	20	27	415

[1] Excludes custom slaughter for farmers at commercial establishment

SHEEP AND LAMBS: Lamb Crop, 1982-1986

Year	Lambs Saved[1]	Breeding Ewes One Year and Older on Hand January 1	Lambs Saved Per 100 Ewes[1]
	1,000 Head		Number
1982	380	350	109
1983	333	322	103
1984	315	292	108
1985	320	285	112
1986	290	275	105

[1] Lambs saved defined as lambs docked or branded

SHEEP AND LAMBS: Production and Income, 1982-1986

Year	Production[1]	Marketing[2]	Price Per 100 Pounds		Value of Production	Cash Receipts[3]	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	1,000 Pounds		Dollars		1,000 Dollars			
1982	30,044	35,535	13.20	51.90	14,412	14,432	884	15,316
1983	24,154	28,254	11.30	50.20	11,585	11,803	507	12,310
1984	26,691	30,696	12.70	56.80	14,506	16,333	477	16,810
1985	27,240	28,778	19.90	65.60	16,962	17,221	379	17,600
1986	27,287	28,605	18.60	65.90	17,048	16,545	670	17,215

[1] Adjustments made for changes in inventory and for inshipments
[2] Excludes custom slaughter for use on farms where produced and interfarm sales within the state
[3] Receipts from marketings and sale of farm slaughter

WOOL: Production, Price and Value, 1983-1986

Year	Number of Sheep Shorn[1]	Weight Per Fleece	Total Wool Production	Price Per Pound[2]	Value of Production
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1983	538	6.7	3,595	51	1,833
1984	500	6.1	3,058	73	2,232
1985	450	6.5	2,924	55	1,608
1986	435	6.5	2,825	61	1,723

[1] Includes shearing at commercial feeding yards
[2] Does not include incentive payments

MINK: Pelts Produced and Females Bred, by Color, 1983-1987

Year	Standard	Mahogany	Demibuff	Gunmetal	Pastel	Sapphire	Violet Type	Misc.	Total
					1,000 Pelts				
1983	55.5	[1]	14.1	36.5	5.0	29.5	19.4	16.0	176.0
1984	53.5	[1]	10.4	42.6	6.6	27.5	23.5	17.9	182.0
1985	69.0	[1]	20.2	55.5	5.6	28.4	16.8	19.5	215.0
1986	80.1	15.9	14.5	70.2	5.9	22.5	15.6	12.3	237.0
					1,000 Females				
1984	13.8	[1]	2.4	10.6	1.8	9.2	5.9	4.3	48.0
1985	15.3	[1]	2.5	12.5	1.8	6.5	5.9	4.5	49.0
1986	19.4	4.1	2.6	16.8	1.6	5.5	3.8	3.2	57.0
1987	23.0	.8	1.0	20.3	1.2	6.1	4.0	2.6	59.0

[1] Data not available before 1986.

BROILERS: Production and Value, 1983-1986

Year	Number Produced	Pounds Produced	Price Per Pound	Value of Production
	1,000 Birds	1,000 Pounds	Cents	1,000 Dollars
1983	13,000	58,500	35.0	20,768
1984	13,400	60,300	35.0	21,105
1985	14,400	64,800	33.0	21,384
1986	15,800	71,100	32.0	22,752

TURKEYS: Production and Value, 1983-1986

Year	Number Raised[1]	Pounds Produced	Price Per Pound[2]	Value of Production
	1,000 Birds	1,000 Pounds	Cents	1,000 Dollars
1983	810	15,795	40.0	6,318
1984	900	17,010	44.0	7,484
1985	1,300	24,180	50.0	12,090
1986	1,510	28,539	41.0	11,701

[1] Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.
[2] Liveweight equivalent price.

CHICKENS: Number on Farms, December 1, 1980-1986

Year	All Chickens [1]	Hens and Pullets of Laying Age	Not of Laying Age		Other Chickens
			Pullets 3 Months and Older	Pullets Under 3 Months Old	
	1,000 Birds				
1980	3,350	2,625	405	285	35
1981	3,200	2,530	370	250	50
1982	3,400	2,700	380	270	50
1983	3,200	2,550	220	380	50
1984	3,485	2,685	280	480	40
1985	3,280	2,680	300	260	40
1986	3,365	2,575	330	410	50

[1] Excludes commercial broilers.

EGGS: Production and Income, 1980-1986

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of Home Consumption[1]	Gross Income
	Millions			Cents	1,000 Dollars		
1980	638	20	618	52.7	27,141	878	28,019
1981	665	18	647	58.8	31,703	882	32,585
1982	620	16	604	56.8	28,589	757	29,346
1983	630	14	616	59.2	30,389	691	31,080
1984	678	14	664	63.3	35,026	739	35,765
1985	649	[2]	[2]	50.9	[2]	[2]	27,528
1986	659	[2]	[2]	54.1	[2]	[2]	29,710

[1] Valued at same price as eggs sold.
[2] Discontinued.

EGG PRODUCTION AND LAYERS: Monthly and Annual, 1985-1986

Month	1985			1986		
	Average Number Layers	Eggs Produced		Average Number Layers	Eggs Produced	
		Per 100 Layers	Total		Per 100 Layers	Total
	1,000 Birds		Millions	1,000 Birds		Millions
December [1]	2,753	2,034	56			
January	2,778	1,944	54	2,658[3]	6,057[3]	161[3]
February	2,713	1,880	51			
March	2,711	2,176	59			
April	2,751	1,963	54	2,590[3]	6,139[3]	159[3]
May	2,750	2,073	57			
June	2,635	2,125	56			
July	2,618	2,063	54	2,657[3]	6,248[3]	166[3]
August	2,690	1,933	52			
September	2,650	1,925	51			
October	2,629	2,054	54	2,673[3]	6,472[3]	173[3]
November	2,662	1,916	51			
Annual [2]	2,695	24,086	649	2,644	24,924	659

[1] December preceding year.
[2] Production per 100 layers is derived.
[3] Quarterly estimates began 1986.

LIVESTOCK AND POULTRY: Inventory Number, by County, January 1, 1986

District and County	All Cattle and Calves	Cows and Heifers That Have Calved		All Sheep and Lambs	All Hogs and Pigs[1]	All Chickens[1]
		Beef	Milk[2]			
	Number of Head					Number of Birds
NORTHWEST:						
Benton	11,000	3,100	2,000	9,000	3,400	22,000
Clackamas	36,000	11,000	3,300	15,000	13,500	1,270,000
Clatsop	8,500	2,700	1,400	600	300	2,000
Columbia	16,500	5,500	1,800	3,000	500	4,000
Lane	36,000	13,000	3,250	18,000	2,000	110,000
Lincoln	6,200	2,700	280	3,100	100	3,000
Linn	37,000	11,400	6,600	60,000	11,500	130,000
Marion	42,000	7,200	13,000	15,000	16,500	1,100,000
Multnomah	5,500	1,700	440	1,000	400	3,000
Polk	17,500	4,200	3,300	12,000	3,200	18,000
Tillamook	39,000	1,300	21,850	100	200	—
Washington	23,000	4,100	6,900	3,100	12,000	6,000
Yamhill	24,500	5,600	5,200	11,000	15,500	70,000
TOTAL	302,700	73,500	69,320	150,900	79,100	2,738,000
NORTHCENTRAL:						
Gilliam	22,000	11,000	—	600	400	1,000
Hood River	2,500	700	220	500	500	2,000
Morrow	77,000	20,000	320	16,500	1,500	2,000
Sherman	8,000	4,000	—	200	200	125,000
Wasco	27,000	13,000	50	1,100	5,000	2,000
TOTAL	136,500	48,700	590	18,900	7,600	132,000
NORTHEAST:						
Baker	102,000	45,000	1,800	6,000	300	2,000
Umatilla	96,000	34,000	300	31,000	16,500	6,000
Union	38,000	14,500	550	3,300	3,900	3,000
Wallowa	58,000	26,000	—	9,000	700	2,000
TOTAL	294,000	119,500	2,650	49,300	21,400	13,000
SOUTHWEST:						
Coos	30,000	9,000	7,000	29,000	600	25,000
Curry	8,800	4,100	550	19,000	500	1,000
Douglas	52,000	21,000	400	95,000	3,500	10,000
Jackson	41,000	14,500	2,400	5,200	3,800	250,000
Josephine	14,000	3,200	3,500	1,200	600	35,000
TOTAL	145,800	51,800	13,850	149,400	9,000	321,000
SOUTHEAST:						
Crook	55,000	22,000	240	3,100	1,100	2,000
Deschutes	22,000	9,000	1,400	7,800	1,600	4,000
Grant	59,000	27,000	100	1,900	600	2,000
Harney	118,000	62,000	150	2,500	400	—
Jefferson	17,000	7,500	100	8,000	1,400	1,000
Klamath	106,000	45,000	3,100	18,500	600	65,000
Lake	110,000	55,000	—	2,900	400	—
Malheur	185,000	65,000	7,500	15,000	1,500	2,000
Wheeler	24,000	12,000	—	1,800	300	—
TOTAL	696,000	304,500	12,590	61,500	7,900	76,000
STATE TOTAL	1,575,000	598,000	99,000	430,000	125,000	3,280,000

[1] December 1 preceding year.
[2] Average number during year.

Commercial Fishing in Oregon

OVERVIEW

Commercial ocean fisheries are an important part of Oregon's economy, particularly in coastal communities.

The information displayed in Tables 1 and 2 indicate a shift between 1970 and 1986 from salmon and tuna landings (in both pounds and dollars)[1] in Oregon toward groundfish. In the late 1970s the increase in fishery activity was due mainly to shrimp harvesting. As this resource declined, fishing activity shifted toward groundfish. This activity reached its peak in 1982 when over 90 million pounds ($20 million ex-vessel) were harvested in Oregon. Since 1982 the total landings declined to 78 million pounds ($19 million ex-vessel) in 1983 and 63 million pounds ($16 million ex-vessel) in 1984, then increased somewhat to 65 million pounds ($18 million ex-vessel) in 1985. In 1986, the total landings decreased to 55 million pounds but the ex-vessel value remained fairly high at about $17 million. This was due to increasing prices received for most groundfish species.

For ports that relied heavily upon salmon and tuna, the drop in fishing activity produced greater negative impacts than those which had a broader and expanding base of fishing activity. The Astoria area realized the greatest loss between the years 1970 and 1985. The unadjusted dollars in landings actually declined between 1970 and 1985. Coos Bay, on the other hand, experienced a dramatic growth in total landings value from 1970 to 1982, a decrease in 1983 and 1984, and a reversal of this trend in 1985. The Newport area also expanded its harvesting sector in the years of expansion. However, the decline in the years 1983 and 1985 is less dramatic. In 1985 the Newport area reported the largest volume and value of landings in Oregon. Shrimp landings increased dramatically in 1986. Most ports saw an increase in landings and in ex-vessel values. Astoria was the major beneficiary of the increases, but other ports, expecially Tillamook, also benefited from the increases.

[1] Value of landings are in nominal (not deflated) dollars. For greater detail on landings and harvest level values see "Pounds and Values - Commercially Caught Fish and Shellfish Landed in Oregon (Annual Reports for 1978 through 1985). Oregon Department of Fish and Wildlife, Portland, Oregon.

DISTANT WATER FLEET

Another important component of Oregon's commercial fishing economy is the "distant water fleet." Some of these boats harvest fish in "joint venture" with foreign processor boats off the Alaskan as well as the Oregon coast. Also very important is the long-line fleet that harvests halibut and black cod and the gillnet fleet that fishes for salmon in Alaskan waters such as Bristol Bay. (There are also Oregon fishermen that land salmon and other species in California and Washington. These revenues are not included because of lack of data.) An estimate of the number of vessels and total revenue returned to Oregon by these distant water fisheries for 1986 is as follows:

Type of Fishery	No. of Vessels	Revenue Returned to Oregon Communities (Million Dollars)
Alaska joint venture	15	14.2
Whiting (non-Alaskan) joint venture	19	7.6
Alaska Crab/Longliners	23	6.3
Alaska Gillnetters	72	5.2
Other	—	1.5
Total		34.8

COMMERCIAL SPECIES HARVESTED

Salmon

Salmon (mostly chinook and coho) are harvested commercially by two major methods: troll (hook and line) and gillnet. The ocean troll fishery harvested 6.4 million pounds (round weight equivalent) in 1986 with $8.1 million ex-vessel value, while gillnetters of the Columbia River landed 7.3 million pounds (round weight) in Oregon with an ex-vessel value of $7.0 million.

Tuna

Historically, tuna was one of the major fisheries off the Oregon coast. Because of the movement of tuna canneries from the continental U.S., this fishery has declined steadily. Most tuna currently harvested by trollers are destined for the fresh or frozen market.

Halibut

Halibut are harvested by "long liners," some of whom are converted trollers, crabbers, or general all-around harvesters.

Groundfish

Most groundfish (this category includes a number of species such as cod, rockfish, soles and flounders) are harvested by trawlers which use midwater or bottom trawl nets. The bottom trawlers are often referred to as draggers. About one-third of all the volume and one-fifth of all the value of the fish landed in Oregon are from groundfish. Sablefish (or black cod) are included in the groundfish category in Tables 1 and 2.

Black cod

Also called sablefish, this is a high oil content fish favored in the Asian market. About half of this species is harvested by trawlers while the remainder is harvested by fixed gear (pots or lone lines).

Shrimp

In 1986, the ex-vessel value of shrimp landings ($18 million) was even greater than the value of groundfish landings. Even though shrimp nets and gear are specific to this fishery, many shrimpers also operate in the groundfish and crab fisheries as seasons and profitability dictate. In 1986, a number of vessels stayed in the shrimp fishery for the entire season because of good resource abundance and increasing price.

Crab

Harvesting of crab is done with a variety of sizes and vessels from small trollers/crabbers to large trawler/crabbers. The crab fishery declined in 1986 compared to 1985, and was below the typical average year.

INCOME GENERATED BY FISHERIES

Processing of Seafood

Value added, and therefore personal income, is added to seafood products at each step of harvesting and processing. The value-added amounts differ according to each step of harvesting and processing, and also among seafood products. Some fish products are exported fresh or frozen from Oregon with a minimal amount of processing. Such products include fresh salmon, tuna and whole crab. Most of the fish products shipped out of Oregon include a fair amount of processing such as filleting. Very intensive processing such as smoking and canning is usually carried out by the smaller processors.

Some processors, at the peak of the harvest season, will employ up to 200 employees. There are about 12 large processors on the Oregon Coast and a host of small to medium firms that provide a variety of processing services.

AQUACULTURE AND MARICULTURE

Aquaculture (salmon ranching) and mariculture (oyster farming) are usually not included in commercial fishery statistics because the product is usually not harvested by commercial fishing boats. These products reach the consumer through the traditional seafood processor channels.

Most oysters are produced in bays and estuaries on state lands. Oyster production has grown steadily since 1976 and leveled off to 37,376 gallons in 1986. In 1986, the 37,376 gallons produced a total of $822,000 of gross revenues to oyster farmers in Oregon.

Salmon ranching has grown substantially from 1981 when a total of 719,648 pounds of salmon returned to Oregon. In 1986, the total increased to 3.1 million pounds. These returning salmon brought in an estimated $3.9 million of revenues to Oregon salmon ranchers in 1986. This does not include revenues from sales of salmon eggs on contract rearing of juvenile salmon.

1986 Personal Income Contribution of Commercial Fishing to Communities on The Oregon Coast and to Oregon's Economy

An economic input/output (I/O) model can be used to estimate the total economic impact or contribution of an industry. Separate models for each coastal community and for the state of Oregon, developed by Hans Radtke and William Jensen for the West Coast Fisheries Development Foundation, were used to estimate the total (direct, indirect and induced) personal income derived from the commercial fishing industry in Oregon.

For the past several years, all the major port areas (Astoria, Newport, and Coos Bay) have been very similar in the value of their total landings. In 1986, because of the increase of landings in shrimp and gillnet salmon, total personal income generated from commercial fish landings in Oregon increased from about $120 million in 1985 to $166 million in 1986 (see Table 3).

The Astoria area enjoyed a substantial increase in personal income generated by the commercial fishing industry. Harvested, landed and processed fish in Astoria generated a total of $52 million while the distant water fleet generated an additional $12 million. For Newport, the distant water fleet generated a total of $27 million which was slightly more than from landed fish ($25 million). For all Oregon coastal communities a total of $161 million was generated by the fishing industry. Because a portion of the revenues returned "leak out" to the total Oregon economy, an additional $80 million of personal income is received by residents of Oregon outside the Oregon coastal economies. In 1986, the estimated statewide contribution of the Oregon fishing industry was over $241 million.

Although the fishing industry provides only about one percent of total Oregon earned income, it is extremely important to the coastal economy, providing about 14 percent of coastal earned income (see Table 3). For the Newport and Astoria areas, commercial fishing generated about one-fourth of all community earned income.

Oyster Production (gallons) 1976-1986

1976	1977	1978	1979	1980	1981
20,768	29,217	30,146	27,756	29,398	33,730
1982	**1983**	**1984**	**1985**	**1986**	
37,058	30,892	48,030	37,434	37,376	

Salmon (pounds, round) Harvested By Private Salmon Hatcheries in Oregon (1981-1986)

1981	1982	1983	1984	1985	1986
719,648	1,091,686	575,349	618,503	1,987,967	3,145,287

Table 1

COMMERCIAL FOOD FISH LANDINGS BY FISHERY/SPECIES GROUP, Oregon, 1970-1986

Year	Salmon[1]	Crab	Shrimp	Tuna[2]	Groundfish[3]	Other[4]	Total
	Pounds Round Weight						
1970	19,627,898	14,929,347	13,572,174	26,936,875	21,392,381	1,199,885	97,658,560
1971	17,267,822	14,875,849	9,075,006	13,092,167	22,039,881	1,036,484	77,387,209
1972	12,189,358	6,762,259	20,731,151	29,233,715	22,801,367	1,170,119	92,887,969
1973	17,385,138	2,349,645	24,517,194	24,425,485	21,944,140	916,847	91,538,449
1974	15,098,732	3,917,625	20,313,760	33,039,926	22,097,723	1,137,016	95,604,782
1975	12,389,656	4,026,937	24,083,568	23,584,409	21,023,739	937,426	86,045,735
1976	16,277,770	8,134,065	25,456,007	17,349,410	26,929,976	1,312,685	95,459,913
1977	10,774,388	19,902,419	48,580,070	9,898,921	23,365,634	1,835,397	114,356,829
1978	8,779,792	12,502,137	56,666,109	18,397,673	37,056,208	1,384,668	134,786,587
1979	11,129,143	15,634,210	29,586,586	8,820,586	64,429,897	2,267,311	131,867,733
1980	7,243,387	18,652,423	30,152,030	3,505,721	63,661,111	1,292,574	124,507,246
1981	7,040,900	6,984,032	25,923,589	7,726,890	82,502,220	18,046,821	148,224,452
1982	8,637,911	7,035,812	18,461,988	1,913,643	90,690,217	2,943,780	129,683,351
1983	2,672,501	5,368,105	6,547,073	3,410,606	78,151,779	4,210,898	100,360,962
1984	3,598,440	5,286,491	4,843,571	1,630,948	63,245,014	5,566,530	84,170,994
1985	6,577,333	7,517,932	14,855,247	1,524,601	64,693,503	4,434,569	99,603,185
1986[5]	13,781,323	4,660,439	33,857,467	2,460,293	54,869,748	4,149,874	113,779,144

[1] Salmon includes landings of steelhead, which have come exclusively from the Treaty Indians fisheries since 1975.
[2] Tuna includes landings of albacore, yellowfin and skipjack tuna.
[3] Groundfish includes landings of cods, rockfish (snapper), sablefish, soles and flounders.
[4] Other includes landings of sturgeon, shad, smelt, clams, scallops, squid, crayfish and other miscellaneous species.
[5] Preliminary.

Table 2

EX-VESSEL[1] VALUE OF COMMERCIAL FOOD FISH LANDINGS BY FISHERY/SPECIES GROUP, Oregon, 1970-1986

Year	Salmon[2]	Crab	Shrimp	Tuna[3]	Groundfish[4]	Other[5]	Total
	Thousand Dollars						
1970	9,144	3,732	1,629	6,924	1,605	204	23,238
1971	5,745	4,245	1,110	3,628	1,812	206	16,746
1972	6,412	2,866	2,870	9,136	2,166	208	23,658
1973	14,150	1,340	5,394	8,698	2,623	228	32,433
1974	10,531	2,761	4,420	12,571	3,234	197	33,714
1975	9,851	3,221	3,237	7,500	2,974	242	27,025
1976	19,358	5,288	5,091	5,661	4,302	468	40,168
1977	15,672	10,900	11,200	2,564	4,900	591	45,827
1978	11,711	9,599	14,904	10,320	8,026	416	54,976
1979	20,947	11,627	11,340	4,656	17,405	919	66,894
1980	10,533	12,375	16,683	2,746	11,601	622	54,560
1981	11,095	6,712	13,043	6,678	14,717	5,312	57,557
1982	12,415	7,551	9,289	1,266	20,317	1,372	52,210
1983	3,040	7,947	4,656	1,881	18,965	1,659	38,148
1984	5,128	7,914	2,148	885	16,034	2,256	34,365
1985	9,068	10,789	5,241	814	17,744	2,159	45,815
1986[6]	15,175	6,565	18,088	920	16,723	4,192	61,663

[1] Ex-vessel value is the value of revenue received by fishermen/harvesters.
[2] Salmon includes landings of steelhead, which have come exclusively from the Treaty Indian fisheries since 1975.
[3] Tuna includes landings of albacore, yellowfin and skipjack tuna.
[4] Groundfish includes landings of cods, rockfish (snapper), sablefish, soles and flounders.
[5] Other includes landings of sturgeon, shad, smelt, clams, scallops, squid, crayfish and other miscellaneous species.
[6] Preliminary.

Table 3

TOTAL PERSONAL INCOME CONTRIBUTION OF COMMERCIAL FISHING TO COMMUNITIES ON THE OREGON COAST AND TO OREGON'S ECONOMY, 1986

	Astoria Area	Newport Area	Coos Bay Area	Tillamook Area	Brookings Area	All Coastal Communities	Statewide Impact
				Million Dollars[1]			
Landed fish[2]	52.0	25.0	24.0	7.5	6.0	114.5	166.0 [3]
Distant water	12.2	27.0	4.6	1.3	1.0	46.1	66.9
Aquaculture & Mariculture[2]	—	—	—	—	4.8	6.0	
Total estimated income from all sources[4]	370.0	420.0	750.0	230.0	200.0	1,197.0	33,000.0
Percent of total personal income[5]	17%	12%	4%	4%	3%	8%	.07%
Total estimated earned income[6]	240.0	220.0	450.0	120.0	95.0	1,125.0	23,000.0
Percent of total earned income[7]	27%	24%	6%	7%	6%	14%	1.0 %

[1] Prepared by Hans Radtke and Chris Carter with some data provided by the Oregon State University Extension Sea Grant agents. The personal income estimates are calculated with the Fisheries Economic Assessment Model developed by Hans Radtke and William Jensen for the West Coast Fisheries Development Foundation. Total personal income includes direct, indirect and induced effects. [2] The landings of communities listed include landings from smaller ports in the area. For example, Brookings includes all of Curry County. Oyster culture and private hatchery returns are included only in state totals. Astoria area includes all Columbia River non-Indian Oregon side landings. [3] To estimate the number of full time equivalent jobs, divide the total personal income generated by $20,000 (an average income received by a full-time worker in Oregon). [4] Based on personal income data in "Local Area Personal Income," Vol. 9, Far West Region 1978-1984. U.S. Department of Commerce. Bureau of Economic Analysis. 1984 data are adjusted to reflect roughly the estimated 1986 increases. Personal income is the sum of wages and salaries, other labor income, proprietors' income, rental income of persons, personal dividend income, personal interest income and transfer payments less personal contributions for social insurance. [5] Computed as total income from fishing divided by total income from all sources. [6] "Earned income" does not include transfer payments, dividends, interest or rent. [7] Computed as total income from fishing divided by total earned income.